

COURSE SYLLABUS 2/27/2012

Iran and Pakistan's Nuclear Proliferation Challenges

United States Institute of Peace
Academy for International Conflict Management and Peacebuilding

Course Instructor: Bruce W. MacDonald
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Time: February 29 – March 1, 2012
Place: USIP, 2301 Constitution Avenue, NW, Washington, DC 20037

Prerequisite: 2-hour USIP Nuclear Nonproliferation Treaty (NPT) On-Line Case Study [ch. 4]

(Can be found at: http://origin.usip.org/training/online/negotiation/4_0_1.php)

2/29: THE BASICS AND PAKISTAN

1. Course Introduction
 - 0930 – 0945 Introduction and Course Overview
 - 0945 – 1030 Background on Iranian and Pakistani Nuclear Issues Today [MacDonald/Lekson]
 - Brief NPT Overview and Relevance to Iran/Pakistan
 - State of Play
 - Why Nuclear Weapons? Deterrence, Regional Hegemony
 - U.S. Nuclear Posture Review and Iran/Pakistan
 - 1030 – 1045 Break
2. 1045 – 1145 How the Bomb Works [MacDonald]
 - A. How to build a bomb
 - B. Key Ingredients
 - C. The Nuclear Fuel Cycle
 - D. Delivery Systems
 - E. Nuclear Effects (blast, heat, radiation, etc.)
 - F. Challenges in building a bomb
3. 1145 – 1245 Pakistan's Transition to Nuclear Status [Yusuf]
 - A. Pakistani Security Objectives
 - B. How Pakistan Got the Bomb, and Lessons to be Learned
 - C. Pakistan's Bomb and India, 1974 - 1998
 - D. The Cautionary Tale of A.Q. Khan

1245 – 1345 Lunch

4. 1345 – 1445 Pakistani Nuclear Dynamics Going Forward [Yusuf/MacDonald/Lekson]
 - A. Pakistan and the Nonproliferation Regime
 - B. Pakistan and Strategic Arms Control
 - C. Regime Stability
 - D. Security of Pakistani Nuclear Weapons
5. 1445 – 1530 Implications for Nuclear Terrorism [MacDonald]
1530 – 1545 Break
6. 1545 – 1630 Small group discussions on options to address Pakistan
7. 1630 – 1645 Wrap-up
1645 – 1815 Optional Happy Hour

3/1: IRAN AND AN UNCERTAIN NUCLEAR FUTURE

- 0930 – 0945 Recap of Yesterday
8. 0945 - 1130 Iran and the Nuclear Challenge [Albright/Lekson/MacDonald]
 - A. Current Iranian Nuclear State of Play
 - B. Iran and the NPT: nonproliferation, energy, disarmament
 - C. Why Might Iran Want Nuclear Weapons?
 - D. International Consensus (?): IAEA and Other Concerns
 - E. International Nuclear Objectives and Iran
 - F. The Implications for security guarantees and extended deterrence
1130 – 1145 Break
 9. 1145 – 1245 Nonproliferation Exercise Phase I

1245 – 1345 Working Lunch
 10. 1345 – 1500 Iranian Nuclear Dynamics Going Forward [Albright/Lekson/MacDonald]
 - A. Regional Security Issues
 - B. The Israel Factor
 - C. A Nuclear-Armed Iran and the U.S.
 - D. Implications of a Virtual Weapons Capability
 - E. Nuclear Terrorism Concerns
1500 – 1515 Break
 11. 1515 – 1600 Nonproliferation Exercise Phase II

12. 1600 – 1630 Options for the Future
13. 1630 – 1645 Wrap-up