

Work Plan Outline

Task Group 1: *Terrorist Motivations and Capabilities*

1.1 Introduction

1.2 Defining the threats to nuclear power plants (NPP) and nuclear waste transports

1.2.1 Terrorism – produce a definition for the purpose of the present study. Define sabotage and theft as terrorist activities, not autonomously, related to the nuclear and radiological threat.

1.3 Why nuclear targets are attractive?

1.3.1 Socio-psychological impact

1.3.2 Economic impact

1.3.3 Political impact

This section will also describe the magnitudes related to the threat (e.g., number of NPPs in the world, number of nuclear waste shipments, incl. the total amount of material shipped and kilometers traveled)

1.4 Terrorist threat assessment

1.4.1 Explanation of threat assessment (future oriented, guessing game). Consideration of asymmetric warfare, the conflict of the future.

1.4.2 Motivations of different terrorist groups. Consideration of the terrorist spectrum, nature of each group and working premises. Explanation of the overlap (“double nature”) between some terrorist organizations. Suicide attacks. Post-September 11 terrorists and their readiness to use WMD. Examples.

- Eco
- Lefts
- Rights, incl. White supremacists with military skills/training
- Nationalists
- Separatists
- “Lone wolf” type group (e.g., Unabomber)
- Religious
- Apocalyptic
- Single cause groups
- Other

1.4.3 Capabilities

- Weapons and explosives (military and home-made)

- Know-how
- Funds
- Logistics and communications
- State support/sponsoring
- Insiders

1.4.4 Conclusion