

*Exceptional service in the national interest*



# Backup slides for PNS Prioritization Discussion Geoff Forden

# GTR is Threat Driven...but how to handle “Threat”?

The Partnership for Nuclear Security’s mission statement says they aim to establish:

- cooperative partnerships related to the peaceful use of nuclear energy
- support of global nuclear security
- nuclear safety
- nonproliferation objectives

Easy and straight forward to prioritize given the work we have already done

Two ways to handle “Threat” (Both using the results of the IC threat analysis):

*Threat  $\otimes$  Desirability of Engagement*



Use the threat from the IC

A straight prioritization of PNS’s four goals.

*Problems if the IC gives only “tiers” of threat*

*Threat  $\oplus$  Desirability of Engagement*



Use the threat from the IC

A straight prioritization of PNS’s four goals.

*Involves us (PNS) assigning weights to the importance of “tiers”– very similar to what we have done before*

# A possible systemization of engagement “desirability” .. Sandia National Laboratories

1. cooperative partnerships related to the peaceful use of nuclear energy
  - a) How likely is the country to acquire the different elements of the fuel cycle:
    - i. Uranium mining & Milling
    - ii. Fuel fabrication
    - iii. ...
  - b) How large is the country's nuclear educational infrastructure?
  - c) ...
2. support of global nuclear security
  - a) Does the country lack a culture of nuclear security?
  - b) ...
3. nuclear safety
  - a) Does the country lack a culture of nuclear safety?
  - b) ...
4. nonproliferation objectives
  - a) Will engagement reinforce the country's commitment to nonproliferation?
  - b) Will engagement represent a “foothold” in a region that can influence neighboring countries?
  - c) ...