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### Contention One

Nuclear terror attack’s inevitable now

Us Russia Joint Threat Assessment, 5-‘11 <http://belfercenter.ksg.harvard.edu/files/Joint-Threat-Assessment%20ENG%2027%20May%202011.pdf>  ABOUT THE U.S.-RUSSIA JOINT THREAT ASSESSMENT ON NUCLEAR TERRORISM The U.S.-Russia Joint Threat Assessment on Nuclear Terrorism is a collaborative project of Harvard University’s Belfer Center for Science and International Affairs and the U.S.A. and Canada Studies Institute of the Russian Academy of Sciences

The expert community distinguishes …where, and on what scale the first act of nuclear terrorism occurs.

#### AQAP on the rise – attack coming and the commitment is huge

CNN Security 2-16-12 (“Al-Qaeda’s Biggest Threat,” http://security.blogs.cnn.com/2012/02/16/al-qaedas-biggest-threat/, Mike)

Ibrahim al-Asiri is the sort of terrorist …U.S. counter-terrorism official told CNN.

#### They will attack the US

Jim Kouri, 3-7- ’12 (Vice President and Public Information Officer of the National Association of Chiefs of Police, has served on the National Drug Task Force and trained police and security officers throughout the country, “Al-Qaeda dangerously close to turning Yemen into a new Afghanistan”, The Examiner)

The Yemeni police and security … said the Law Enforcement Examiner's anonymous security source.

Generic Al-Qaeda defense doesn’t apply AQAP is the key to global Al-Qaeda

Frank J. Cilluffo Director of the Homeland Security Policy Institute at The George Washington University, and Clinton Watts, Principal consultant at PA Consulting Group and a Senior Fellow at the Homeland Security Policy Institute and a former U.S. Army Officer and former Special Agent with the FBI, 2011 6/24 “Yemen & Al Qaeda in the Arabian Peninsula: Exploiting a Window of Counterterrorism Opportunity”

AQAP is the only al Qaeda … an inevitable attack from AQAP.

#### Internal Documents Prove the Threat is Real

Washington Times 1/30 2013

A jihadist website posted a new threat …,” he told Inside the Ring. “This one is not particularly unusual, but of course should be taken seriously.”

#### Nuke Terror Outweighs All Other Impacts – Most Likely Scenario For Extinction

-this evidence cites multiple peer-reviewed studies as well as terrorist group statements

-answers defense based on means – there’s lots of unsafe material around the world and a lot of providers

-answers defense based on motives – terrorists have an incentive to spur retaliation because it create chaos

Jaspal– Associate Professor at the School of Politics and International Relations, Quaid-i-Azam University, Islamabad, Pakistan 12 (Zafar Nawaz, “Nuclear/Radiological Terrorism: Myth or Reality?”, Journal of Political Studies, Vol. 19, Issue - 1, 2012, 91:111)

The misperception, miscalculation and ….material from the rogue states**.**

#### And even an unsuccessful nuclear attack results in retaliation, which leads to extinction

Ayson 10 (Robert, Professor of Strategic Studies and Director of the Centre for Strategic Studies: New Zealand at the Victoria University of Wellington, “After a Terrorist Nuclear Attack: Envisaging Catalytic Effects,” Studies in Conflict & Terrorism, Volume 33, Issue 7, July, Available Online to Subscribing Institutions, InformaWorld)

But these two nuclear worlds—a non-…. latter found itself unable or unwilling to provide.

### Thus the Plan

#### The United States Department of Defense should provide a direct grant for the installation of solar panels on unstaffed aerial vehicles.

### Contention Two is Solvency

#### Current UAVs are inefficient and dangerous, only solar powered UAVs solves

Bhatt 12(Manish R., May, 2012, “Solar Power Un~~manned~~ Aerial Vehicle: High Altitude Long Endurance Applications (HALE-SPUAV),” http://www.engr.sjsu.edu/~nikos/MSAE/pdf/Bhatt.S12.pdf)

Today there are more than …, but weather surveillance, and even commercial use.

#### DARPA recently canceled Boeing contract to develop solar powered UAVs

Host 5/12(Pat, May 15, 2012, “DARPA Restructures Boeing's Solar UAV Contract, Won't Launch By 2014,” Defense Daily, lexis)

Boeing [BA] said yesterday the … eventual goal is to remain "on station" at stratospheric altitudes for at least five years.

#### And Current drones aren’t effective at monitoring terrorist threats – crash in Iran proves

Lister 11(Tim, Dec 15, 2011, Executive Editor at CNN, former BBC editor, “Crashed drone was looking at Iran Nuclear Sites,” CNN, http://security.blogs.cnn.com/2011/12/15/crashed-drone-was-looking-at-iran-nuclear-sites/)

The Sentinel drone that …. I think there is a lot of PR going on."

#### Tests show solar powered UAVs are key to monitor and track terrorist activities

Energy Harvesting Journal 8/9(Aug 9, 2012, “Solar powered drone unveiled,” http://www.energyharvestingjournal.com/articles/solar-powered-drone-unveiled-00004639.asp?sessionid=1)

Silent Falcon™ UAS Technologies has …. to enable it to "Fly Silent, Fly Longer and See More."

#### Solar powered drones have been tested to work and stay up for over two weeks

Hennigan 10(W.J., Provides in-depth coverage of the aerospace industry for LA Times, December 27, 2010, “Solar-powered drone stays aloft for two weeks, breaking endurance records,” LA Times, http://latimesblogs.latimes.com/technology/2010/12/zephyr-long-endurance-drone-qinetiq.html)

A lightweight, solar-powered …. solar panels on the plane’s wing.

#### DoD and private sector cooperation is key to effective solar-powered development

Atwood 09(Major Scott K, US Marine Corps, April 15, 2009, “Alternative Fuel Sources for Military Aviation,” http://www.dtic.mil/cgi-bin/GetTRDoc?AD=ADA509846)

DoD is not a large enough …. a viable option for ~~manned~~ military aviation use.

### Content 3 is Our Assumptions

#### Drones Are Key to Decapitating AQAP – Criticisms That Highlight Blowback Wrongly Link Drone Strikes to Recruitment and Overstate the Negative Consequences – Only Increasing the Effectiveness of Drone Strikes Can Drain AQAPs Legitimacy and Create Space for Alternative Engagement Strategies

By Stacey Emker second year Master’s candidate at the Whitehead School of Diplomacy and International Relations January 14, 2013 Analyzing the US Counterterrorism Strategy in Yemen http://blogs.shu.edu/diplomacy/2013/01/analyzing-the-us-counterterrorism-strategy-in-yemen/

When direct action is taken, ….group’s legitimacy within Yemen.

#### Absent Successful Drone Strikes All Alternative Methods Fail

By Daniel Green Soref fellow at The Washington Institute and a military veteran of Afghanistan and Iraq. January 24, 2013 Al-Qaeda's Soft Power Strategy in Yemen http://www.realclearworld.com/articles/2013/01/24/al-qaedas\_soft\_power\_strategy\_in\_yemen\_100502-full.html

Learning from jihadist …. overtures to key local leaders to lay the groundwork for reasserting control.

#### That Makes Boots on the Ground Inevitable

Vladislav Gulevich 3-8-11 Geopolitical Dimension of the Rebellion in Yemen. Oriental Review.Org < http://orientalreview.org/2011/03/08/geopolitical-dimension-of-the-rebellion-in-yemen/>

The Shia insurgency can ….hold out till the 2013 elections, his more distant political future hardly stands a chance.

#### That Would Be Net Worse For Blowback – Massively Increases AQAP Recruitment Pools

By Stacey Emker second year Master’s candidate at the Whitehead School of Diplomacy and International Relations January 14, 2013 Analyzing the US Counterterrorism Strategy in Yemen http://blogs.shu.edu/diplomacy/2013/01/analyzing-the-us-counterterrorism-strategy-in-yemen/

On the other hand, drone strikes in …. intelligence and target AQAP members.

#### Military Drones Are a Statistical Outlier in Tech Development – Resistance Movements Will Model Military Tech Developments and Use Them to Dismantle Power Structures

Kevin Carson is a senior fellow of the Center for a Stateless Society (c4ss.org) and holds the Center's Karl Hess Chair in Social Theory Feb 4, 2013 Bring on the Drones! http://c4ss.org/content/16916

Most analysis of drone technology from …, there won’t be enough left of them to bury.

#### Prefer Our Evidence Over Their Generic Overarching Claims – That’s Critical to Rethinking

Rosato and Schuessler 11 –Assistant Professor of Political Science at the University of Notre Dame AND Assistant Professor of Strategy and International Security at the Air War College

(Sebastian and John, “A Realist Foreign Policy for the United States”, Perspectives on Politics December 2011 Vol. 9 No. 4)

One reason for this attitude is that political ….of action led them down the path to war.

#### The Impact is True – Successful Terror Attacks Flip the Decision Making of Nation States – Making Violent Backlash and Crackdowns Likely

Bostrom, Ackerman and Potter, ‘8 (Nick-Director of the future of humanity institute at oxford university, specializes in probability theory, scientific method, and risk analysis- former expert consultant for european commission in Brussels and the CIA, Gary- research director of the national consortium for START and Director of the center for terrorism and intelligence studies, and William- Institute professor and director of the center for nonproliferation studies on numerous committees of the national academy of science, “Global Catastrophic Risks”, Oxford University Press, p.430-31)

Unlike the more tangible physical ….the demise of the nation-state as we know it (1957).

#### Existential questions should always supersede epistemology

Kateb, Prof of Politics @ Princeton, 1992 (George, The Inner Ocean, pg. 144)

To sum up the lines of thought that …. nothing, which in part is the perspective of extinction.

#### This education is uniquely important because post 9-11 responses to terror makes some government violence inevitable – the only way to ensure that violence doesn’t escalate out of control is by rejecting the impulse of utopianism and learning to debate about the consequences of political adoption

Michael Ignatieff, Carr professor of human rights at Harvard, 2004 Lesser Evils p. 18-19

To insist that justified exercises of coercion ….submit to their judgment as to their correctness.

#### An effective and accountable approach to terrorism prevents the death of politics and the annihilation of the value to life

Michael Ignatieff, Carr professor of human rights at Harvard, 2004 *Lesser Evils* p. 152-5

It is a commonplace of presidential and … are there for, trust in them, and make them work.