### T

#### A. Interpretation – incentives exclude guaranteed procurement – financial only

Czinkota et al, 9 **-** Associate Professor at the McDonough School of Business at Georgetown University (Michael, Fundamentals of International Business, p. 69 – google books)

Incentives offered by policymakers to facilitate foreign investments are mainly of three types: fiscal

AND

import quotas, and local content requirements, and investments in infrastructure facilities.

### CP

#### States can assist DOD procurement in a laundry list of ways—DOD is interested in partnerships with all 50 states

Douglas 6 – Governor of Vermont (Jim and Earl Ray Tomblin, THE COUNCIL OF STATE GOVERNMENTS RESOLUTION ON RENEWABLE ENERGY DEVELOPMENT AT DEPARTMENT OF DEFENSE INSTALLATIONS http://www.csg.org/policy/documents/DoDRenewableEnergyResolution.pdf, AG)

Opportunities for collaboration with DoD installations may exist for states seeking to encourage renewable energy

AND

of Staff, and each member of the U.S. Congress.

### DA

#### Transition from nuclear to renewables now – government incentives reverse this

Harvey Wasserman 12,Author, 'SOLARTOPIA! Our Green-Powered Earth' http://www.huffingtonpost.com/harvey-wasserman/post\_3127\_b\_1353253.html

In the wake of Fukushima, grassroots citizen action is shutting the worldwide nuclear power

AND

sure these shut-downs happen before the next Fukushima irradiates us all.

#### No nuclear revival—construction problems, no work force or rapid scale up

Mycle Schneider and Antony Froggatt 9/14/2012 (Bulletin of the Atomic Scientists, "2011-2012 world nuclear inustry status report" bos.sagepub.com/content/68/5/8.full.pdf+html)

The market niche that nuclear power once held is disappearing. The key nuclear indicators

AND

an increase in nuclear share of the world’s electricity is hard to imagine.

#### Renewable energy decreases the perceived need for global nuclear power, meets Article IV requirements, and solves climate best. Promoting nuclear power only encourages other states to build dual use nuclear energy and delays an energy transition.

Amory B. Lovins 10, Founder – RMI, Holy god this card is orgasmic http://www.foreignpolicy.com/articles/2010/01/21/a\_roadmap\_to\_our\_energy\_future

Similar adherence to outmoded orthodoxies now cripples nonproliferation. Policy still rests on the fatally

AND

cost domestic energy strategy inform, integrate, and inspire foreign policy too?

#### Warming causes extinction - oceans

Sify 2010 – Sydney newspaper citing Ove Hoegh-Guldberg, professor at University of Queensland and Director of the Global Change Institute, and John Bruno, associate professor of Marine Science at UNC (Sify News, “Could unbridled climate changes lead to human extinction?”, <http://www.sify.com/news/could-unbridled-climate-changes-lead-to-human-extinction-news-international-kgtrOhdaahc.html>, WEA)

The findings of the comprehensive report: 'The impact of climate change on the world's

AND

, according to a GCI release. These findings were published in Science.

### DA

#### Obama will win now, Ohio is key, but last minute issues can derail Obama.

AP 10/29/12, “A week before Election Day, Obama has an edge in fight for 270 electoral votes needed to win”, http://www.washingtonpost.com/politics/a-week-before-election-day-obama-has-an-edge-in-fight-for-270-electoral-votes-needed-to-win/2012/10/29/c8f7f2e2-21aa-11e2-92f8-7f9c4daf276a\_story.html

President Barack Obama is poised to eke out a victory in the race for the

AND

can happen in the coming days to influence the Nov. 6 election.

#### Obama distancing himself from nuclear because it only hurts him in the election – plan reverses this.

Gregg Levine 9/7 Contributing Editor and Former Managing Editor – Firedoglake and Contributing Writer for Truthout, <http://capitoilette.com/2012/09/07/obama-drops-nuclear-from-energy-segment-of-convention-speech/>

President Obama no longer promises to “safely harness nuclear power”–that likely would

AND

second shot at casting for the future, nuclear power is political deadweight.

#### SMRs specifically unpopular –

Smith ’10(Rebecca, Contributor, “Small Reactors Generate Big Hopes”, The Wall Street Journal, 2-18-10, <http://www.generatorsystems.com/pdf/Small%20Reactors%20Generate%20Big%20Hopes%20WSJ%2002-18-2010.pdf>, accessed 8-1-12)

"We see significant benefits from the new, modular technology," said Donald Moul

AND

progressively bigger, ending up at about 1,000 megawatts of capacity.

#### Energy is key.

Finzel, 10/21 (Analyst-Waggener Edstrom, Election 2012: The Presidential Candidates, Energy Policy and Social Media, http://waggeneredstrom.com/blog/2012/10/21/election-2012-energy-policy/)

Although we may all be tired of the presidential campaign advertisements flooding the airwaves (

AND

energy policy dialogue we’ll all need to have in the months to come.

#### Romney’s reaction to unpredictable crises makes nuclear war inevitable

Stein 10/19, former chairman of the American Society of Magazine Editors, predicted the run to the Iraq War in the New York Times, veteran of World War II (Robert, http://ajliebling.blogspot.com/2012/10/doubts-about-romneys-nuclear-trigger.html)

Doubts About Romney's Nuclear Trigger Finger At Harvard today scholars commemorate the 50th anniversary of

AND

So I'm not interested in victory, I'm interested in solving the problem."

#### Romney destroys Russian relations.

Larison 6-27 Columnist for the American Conservative [Daniel Larison “U.S.-Russian Relations Would Get Much Worse Under Romney” <http://www.theamericanconservative.com/larison/u-s-russian-relations-would-get-much-worse-under-romney/>]

Putin doesn’t actually want a “hard-line conservative in the White House.”

AND

Russian relations will deteriorate much more than they have in the last year.

#### Nuclear war

ALLISON 11 Director @ Belfer Center for Science and Int’l Affairs @ Harvard’s Kennedy School, Former Assistant Secretary of Defense, Robert D. Blackwill, Senior Fellow – Council on Foreign Relations [Graham Allison, “10 Reasons Why Russia Still Matters”, Politico -- October 31 -- <http://dyn.politico.com/printstory.cfm?uuid=161EF282-72F9-4D48-8B9C-C5B3396CA0E6>]

That central point is that Russia matters a great deal to a U.S

AND

Security Council, as well as a member of the G-8 and

### 1NC—Heg Adv

#### Army is investing billions in renewable energy integration on bases

PRWeb 10/10/12

(“Microgrid Solar Wins $2.6 M Contract for Solar and Wind Power Project at Military Base,” <http://www.prweb.com/releases/2012/10/prweb9989752.htm>)

St. Louis MO (PRWEB) October 10, 2012 ¶

Microgrid Solar, a solar installation company based in St. Louis, has started

AND

potential attacks, and by the need to reduce dependence on foreign oil.

#### Renewable micro-grids solve the islanding effect

(Will Rogers 12, the Bacevich Fellow at the Center for a New American Security, 8/8/12, “DOD-Interior Renewable Energy Projects Could Help Mitigate Grid Vulnerability,” <http://www.cnas.org/blogs/naturalsecurity/2012/08/dod-interior-renewable-energy-projects-could-help-mitigate-grid-vulner>)

On Monday, the Departments of Defense and Interior formalized a partnership to develop renewable

AND

power on base to sustain critical functions for an indefinite period of time.

#### Status quo SPIDERS program, solves cybersecurity

Lincoln Laboratory 12

(S.B. Van Broekhoven, N. Judson, S.V.T. Nguyen, W.D. Ross, “Microgrid Study: Energy Security for DoD installations,” Massachusetts Institute of Technology research laboratory prepared for the Office of the Secretary of Defense, 6/18/12, Technical Report)

¶ 3.2.5 SPIDERS¶ ¶ The Smart Power Infrastructure Demonstration for

AND

and power outage¶ issues at Camp Smith over the last six months.

#### The DOD won’t deploy SMR’s on all bases- doesn’t solve

Wong ’12 (Kelvin Wong, Kelvin Wong is an Associate Research Fellow at the S. Rajaratnam School of International Studies (RSIS), Nanyang Technological University. He is with the Military Studies Programme at the School’s constituent unit, the Institute of Defence and Strategic Studies, “The Military’s Quest for Nuclear Power”, <http://rolandsanjuan.blogspot.com/2012/05/beyond-weapons-militarys-quest-for.html>, May 18, 2012, LEQ)

Synopsis The military has always maintained an interest in the application of nuclear energy in

AND

destruction and sabotage are likely, should give military planners cause to pause.

#### DOD on-base storage solves.

Michael Aimone 9/12/12, Director Business Enterprise Integration Office of the Deputy Under Secretary of Defense, http://homeland.house.gov/sites/homeland.house.gov/files/Testimony%20-%20Aimone.pdf

DoD’s facility energy strategy is also focused heavily on grid security in the name of

AND

, to Keesler Air Force Base in Mississippi, to support base recovery.

#### No cyber attacks on the grid.

Hersh 10, Pulitzer prize winning investigative journalist, 11-1 Seymour, “The Online Threat,” http://www.newyorker.com/reporting/2010/11/01/101101fa\_fact\_hersh?currentPage=1#ixzz13ce5kOXU

The most common cyber-war scare scenarios involve America’s electrical grid. Even the

AND

experts like Clarke and many in the military, can also protect networks.

#### Grid stable now

Kemp 12 -- Reuters market analyst (John, 4/5/12, "COLUMN-Phasors and blackouts on the U.S. power grid: John Kemp," http://www.reuters.com/article/2012/04/05/column-smart-grid-idUSL6E8F59W120120405)

The hoped-for solution to grid instability is something called the North American SynchroPhasor

AND

so that grid managers can act quickly to restore balance or isolate failures ().

#### Grid is resilient and sustainable

Paul Clark 12, MA candidate – Intelligence Studies @ American Military University, senior analyst – Chenega Federal Systems, 4/28 (Paul, “The Risk of Disruption or Destruction of Critical U.S. Infrastructure by an Offensive Cyber Attack,” American Military University)

In 2003, a simple physical breakdown occurred – trees shorted a power line and caused a

fault – that had a cascading effect and caused a power blackout across the Northeast (Lewis

2010). This singular occurrence has been used as evidence that the electrical grid is

AND

.S. Senate¶ Committee on Homeland Security and Governmental Affairs 2012).

#### No impact to grid shutdown.

Douglas Birch 10/1/12, Former foreign correspondent for the Associated Press and the Baltimore Sun who has written extensively on technology and public policy, http://www.foreignpolicy.com/articles/2012/10/01/forget\_revolution?page=full

But are cyber attacks really a clear and present danger to society's critical life support

AND

the situation now. But this is not the end of the world."

#### Data disproves heg impacts

Christopher J. Fettweis 11, Department of Political Science, Tulane University, 9/26/11, Free Riding or Restraint? Examining European Grand Strategy, Comparative Strategy, 30:316–332

It is perhaps worth noting that there is no evidence to support a direct relationship

AND

global policeman. Those who think otherwise base their view on faith alone.

#### Forwardly deployed energy not solve convoy problem or increase readiness.

William O'Keefe 12, CEO, George C. Marshall Institute, http://energy.nationaljournal.com/2012/05/powering-our-military-whats-th.php

Finally, there is the argument that somehow replacing conventional fuels with bio-fuels

AND

that would be well beyond that associated with the delivery of finished fuels.”

#### Squo improved efficiency – reducing fuel costs substantially.

GAO Report, June 28, 2012 (GAO-12-619, Defense Management: Steps taken to better manage fuel demand but additional information sharing mechanisms are needed)

Since the release of our 2009 report, DOD's increased focus on fuel demand management

AND

-deployed locations are some of the products being developed under this program.

#### Efficiency solves better.

James T. Bartis 12, Rand Corp, http://www.rand.org/content/dam/rand/pubs/technical\_reports/2012/RAND\_TR1144z1.pdf

While the Department of Defense (DoD) is one of the world’s largest fuel

AND

liquid fuels do not offer DoD a way to appreciably reduce fuel costs.

#### Their laundry list of vague impacts is academic junk – conflicts can’t just emerge

Fettweis, 11 Christopher J. Fettweis, Department of Political Science, Tulane University, 9/26/11, Free Riding or Restraint? Examining European Grand Strategy, Comparative Strategy, 30:316–332, EBSCO

Assertions that without the combination of U.S. capabilities, presence and commitments

AND

their security is all but assured, with or without the United States.

### 1NC—Prolif

#### US won’t exert prolif leadership.

Richard Cleary 8/13/12, American Enterprise Institute Research Assistant, http://npolicy.org/article.php?aid=1192andtid=30

The cases above offer a common lesson: The U.S., though constrained

AND

.S. efforts at persuading countries to forgo nuclear fuel-making.

#### Even when we do, it fails.

Richard Cleary 8/13/12, American Enterprise Institute Research Assistant, http://npolicy.org/article.php?aid=1192andtid=30

The examples above show the limitations of both demand and supply side efforts. Supply

AND

, have not materialized and therefore seem to have had little tangible influence.

#### Ton of alt causes tubes prolif leadership.

Wellen ‘9 (Russ, Foreign Policy in Focus Contributor, “Abdicating U.S. Nonproliferation Leadership” [http://www.fpif.org/fpiftxt/5781 Jan 12 09](http://www.fpif.org/fpiftxt/5781%20Jan%2012%2009))

Traditionally, the United States has, however sporadically, led the way on nonproliferation

AND

perpetual motion machine: Militaristic think tanks never stop generating strategies and networking.

#### SMRs overstretch inspectors – causes worse prolif.

Lyman 11[ Dr. Edwin, Senior Scientist, Global Security Program, Union of Concerned Scientists, July 14, 2011, Testimony Before the Energy and Water Development Subcommittee, Committee on Appropriations, U.S. Senate, "An Examination of the Safety and Economics of Light Water Small Modular Reactors"

Proponents of small modular reactors (SMRs) claim that their designs have inherent safety

AND

comparable or even greater safety, security and proliferation risks than large reactors.

#### SMRs are worse for prolif than large reactors

Nealon 11 [Corey, "Could small nukes be the energy answer?," 12-4-11, <http://articles.dailypress.com/2011-12-04/news/dp-nws-nuclear-reactors-20111203_1_nuclear-power-reactors-energy-department>]

Also, small reactor technology is newer than conventional reactors, many of which date

AND

plans for small reactors."We're not pursuing them," Rick Zuercher said.

#### Emulation—making nuclear look good incentivizes prolif—only transition away solves

Henry Sokolski 10, Executive director of the Nonproliferation Policy Education Center (http://www.npolicy.org/article\_file/Nuclear\_Power\_Energy\_Markets\_and\_Proliferation.pdf)

When security and arms control analysts list what has helped keep nuclear weapons technologies from

AND

additional government support and public spending will be able to save them. I

n this case, one needs to ask why governments would bother, especially in

AND

be used to help steer us towards cheaper, safer forms of energy.

### 1NC—Solvency

#### **Solvency takes decades and the reactors won’t be cost-competitive – requires re-orienting the nuclear manufacturing industry**

Ryan 11

[Dylan, Masters in Mechanical Engineering, expertise in energy, sustainability, Computer Aided Engineering, renewables technology; Ph.D. in solar energy systems, 2011, "Part 10 – Small modular reactors and mass production options," <http://daryanenergyblog.wordpress.com/ca/part-10-smallreactors-mass-prod/>]

So there are a host of practical factors in favour smaller reactors. But what’s

AND

be slower to build (initially anyway) and probably more expensive too.

#### Confining radiation won’t scale down and by the time we can build them they won’t be competitive.

Lovins 10

(Amory B. Lovins 10, Physicist, environmental scientist, writer, and Chairman/Chief Scientist of the Rocky Mountain Institute http://dodenergy.blogspot.com/2010/04/lovins-addresses-new-nuclear-power-for.html)

Question 2: Some make the case that recently popular, small, modular design

AND

, and the [business case] is unsound for any nuclear reactor.

# 2NC

## DA

### 2NC- Warming Outweighs Nuclear War

#### Warming outweighs their advantages –

#### Probability of extinction for warming is higher.

The New York End Times, ‘6 (The New York End Times is a non-partisan, non-religious, non-ideological, free news filter. We monitor world trends and events as they pertain to two vital threats - war and extinction. We use a proprietary methodology to quantify movements between the extremes of war and peace, harmony and extinction. http://newyorkendtimes.com/extinctionscale.asp)

We rate Global Climate Change as a greater threat for human extinction in this century

AND

monitor war separately. However we also need to incorporate the dangers here .

#### Nuclear war doesn’t cause extinction from climate change.

Seitz, former Presidential science advisor and keynote speaker at international science conferences, December 20 2006 (Russell, holds multiple patents and degrees from Harvard and MIT, “The ‘Nuclear Winter’ Meltdown,” http://adamant.typepad.com/seitz/2006/12/preherein\_honor.html, accessed October 18, 2007)

"Apocalyptic predictions require, to be taken seriously,higher standards of evidence than

AND

just not the stuff that End of the World myths are made of.

#### Turns your impacts -- Warming makes every major flashpoint for war inevitable.

Jurgen **Scheffran 8**, Adjunct Associate Professor of Political & Atmospheric Science @ the University of Illinois, May/June (Bulletin of the Atomic Scientists, Vol. 64, No. 2)

The larger question at hand for both developing and developed countries is whether the effects

AND

even higher temperature change “would pose almost inconceivable challenges for human society.”

### Grid Impact - Accidental Launch

#### Renewable energy expansion solves grid security

Cohen 12

(Rona – Senior Policy Analyst, Staffs the CSG-ERC Energy and Environment Committee, “Betting on Renewables Amid a Changing Energy Landscape,” 8/6/12, [www.stateenergyreport.com/2012/08/06/betting-on-renewables-amid-a-changing-energy-landscape/](http://www.stateenergyreport.com/2012/08/06/betting-on-renewables-amid-a-changing-energy-landscape/))

Others point out that continuing to rely on fossil fuels will have very steep costs

AND

want to give back to the company to help it continue to grow.”

### 2NC- U Wall

#### Transition towards renewables already happening now – incentives are working, costs are declining, and market penetration is happening.

David Leonhardt 7/22/12, Washington bureau chief of The New York Times (http://www.nytimes.com/2012/07/22/sunday-review/a-ray-of-hope-on-climate-change.html?\_r=1)

YOU don’t have to be a climate scientist these days to know that the climate

AND

in the United States, which would have been unthinkable not long ago.

#### US nuclear industry dead – dangers and costs of nuclear power have killed it – this causes a shift towards non-nuclear alternatives.

Gregg Levine 9/2/12, Writer – FireDogLake, http://my.firedoglake.com/gregglevine/2012/09/02/end-of-summer-news-puts-nuclear-renaissance-on-permanent-vacation/

So, there is no nuclear renaissance. There wasn’t one before this summer–

AND

And the sooner the US can begin a real technological and economic rebirth.

### A2- Nukes Complementary with Renewables/It’s a Bridge

#### -it is a question of timeframe the 1NC link indicates that we need to transition away from dirty fuels now. The long timeframe means that we have to avoid capital intensive nuclear projects. No timeframe for when nuclear plants would come online.

#### Leaving all options on the table isn’t necessary and strong science disagrees.

Amory B. Lovins 9, Founder – RMI, http://grist.org/article/2009-10-13-stewart-brands-nuclear-enthusiasm-falls-short-on-facts-and-logic/

Portfolio: The one paper he cites as proof that we need all energy options

AND

most solution per dollar and per year. Nuclear flunks both these tests.

#### CP solves every conceivable energy benefit of nuclear power – the plan only results in the promotion of an uneconomic alternative which delays an energy transition.

Benjamin K. Sovacool 11, Assistant professor at the Lee Kuan Yew School of Public Policy at the National University of Singapore (Contesting the Future of Nuclear Power: A Critical Global Assessment of Atomic Energy, pp. 245-50)

Benjamin Franklin once wrote that “ the great ad v antage of being a reasonable

AND

om m has called a “ self- lim iting” one.10

#### Err neg – their evidence understates the effect of renewables by not engaging in a head-to-head comparison with nuclear power. In comparison, renewables are by far and away more cost-competitive.

Amory B. Lovins 9, Founder – RMI, http://www.rmi.org/Knowledge-Center/Library/2009-09\_FourNuclearMyths

The central issue is: What are nuclear power’s competitors? If the competitors can

AND

is similarly explored in refs. 1–5 and their citations.11

### Tradeoff Link – SMR’s

#### SMRs are not a solution for global warming

Makhijani & Boyd 2010 (IEER Institute of energy and environmental research <http://ieer.org/wp/wp-content/uploads/2010/09/small-modular-reactors2010.pdf>) JA

¶ Efficiency and most renewable technologies ¶ ¶ are already cheaper than new large reactors

AND

and proliferation risks, as well as new ¶ ¶ waste disposal problems.

## Heg

### No impact

#### A ton of checks.

Friedman and Preble 10 (Benjamin Friedman is a research fellow in defense and homeland security studies at the Cato Institute, Christopher Preble is director of foreign policy studies at the Cato Institute, Budgetary Savings from Military Restraint, September 22, 2010 Cato Policy Analysis No. 667 September 23, 2010 http://www.cato.org/pubs/pas/PA667.pdf

The United States confuses what it wants from its military, which is global primacy

AND

resentment. Global military primacy is a game not worth the candle.56

#### Unipolarity causes policy failure---they can’t access any impact

Charles L. Glaser 11, professor in the Elliott School of International Affairs and the Department of Political Science at the George Washington University and the director of the Elliott School’s Institute for Security and Conﬂict Studies, June 2011, “Why unipolarity doesn’t matter (much),” Cambridge Review of International Affairs, Vol. 24, No. 2, p. 135-147

A still different type of argument holds that unipolar powers tend to adopt expanded interests

AND

going to be better off in a unipolar world than a bipolar one.

#### No transition impact – decline in power causes global cooperation

Carla Norrlof 10 (an Associate Professor in the Department of Political Science at the University of Toronto) 2010 “America’s Global Advantage US Hegemony and International Cooperation” p. 50

Keohane and Snidal’s predictions – that the waning of American power did not have to

AND

, these distributional implications haunt the literature and cast decline as inescapable and continuous

## Prolif

### 2NC Proliferation Leadership Doesn’t Solve

#### Technical changes don’t solve– motivation is political

Acton 9 (James M. Acton is an associate in the Nonproliferation Program at the Carnegie Endowment for International Peace and frequent contribu- tor to the prominent blog Arms Control Wonk. a member of the International Panel on Fissile Materials, The myth of proliferation-resistant technology, December)

Forty years on, Hardin’s central thesis—that it is impossible to solve a

AND

nuclear insecurity, a more politically savvy approach to proliferation resistance is needed.

#### Prolif will be slow.

Jacques E. C. Hymans 12, Associate Professor of International Relations at the University of Southern California, Foreign Affairs, May/June, http://www.peaceispatriotic.org/articles/botching-the-bomb.MayJun12.ForeignAffairs.html

The chronic problem of nuclear proliferation is once again dominating the news. A fierce

AND

, useful though it may be, cannot alone account for this phenomenon.

#### B. Enrichment lasers.

Charlies D. Ferguson 11, President – Federation of American Scientists (http://www.foreignpolicy.com/articles/2011/10/11/think\_again\_nuclear\_power)

The bad news is that the threat of peaceful nukes begetting the destructive kind is

AND

of the nuclear bomb, after all, only lasted a few years.

### Prolif Link – Use HEU

#### SMR’s use HEU – increases prolif risks.

Arjun Makhijani and Michele Boyd 10,Institute for Energy and Environmental Research and Physicians for Social Responsibility, http://www.psr.org/nuclear-bailout/resources/small-modular-reactors-no.pdf

In addition, the use of plutonium fuel or uranium enriched to levels as high

AND

impact to groundwater, for example, in the event of an accident.

## Solvency

### 2NC Solvency – Timeframe

#### Plan takes at least 10 years to solve

King 11 (Marcus King, Project Director and Research Analyst for the Environment and Energy Team at Center for Naval Analyses, LaVar Huntzinger, Thoi Nguyen, "Feasibility of Nuclear Power on U.S. Military Installations", March, <http://www.cna.org/sites/default/files/research/Nuclear%20Power%20on%20Military%20Installations%20D0023932%20A5.pdf>)

The time required to obtain design certification, license, and build the next generation of nuclear plants is about 9 to 10 years. After the first plants are built it may be possible to reduce the time required for licensing and construction to approximately 6 years [45].The timeline for certification, licensing, and construction projected by DOE for a small nuclear power plant based on an SMR is shown infigure 5 [46].

#### New safety plans and nuclear waste prevention will be required for SMRS

Wang 12, [Ucilia, renewable energy and green tech journalist for Forbes, 1/20/12, "Feds To Finance Small Nuclear Reactor Designs," online: <http://www.forbes.com/sites/uciliawang/2012/01/20/feds-to-finance-small-nuclear-reactor-designs/print/>]

The U.S. Department of Energy on Friday announced a plan to support

AND

that nuclear power should remain an important part of the country’s energy mix.

#### Regulatory approval for civilian-grid SMRs will take decades, independently of the tech

Financial Times 11 [ Financial Times, 1/14/11, "Mini nuclear: very small reactors will need huge sales effort," http://www.ft.com/intl/cms/s/0/22c1b17a-1f71-11e0-87ca-00144feab49a.html~~%23axzz27G3R5gBh]

However, he adds, there are still many obstacles in the path of the

AND

how to do it, and they don’t have to make the expenditure.”

### 2NC Solvency - Barriers to Military Base Siting

#### Here’s 5 barriers

#### No appropriate siting – certification process delays

King 11 (Marcus King, Project Director and Research Analyst for the Environment and Energy Team at Center for Naval Analyses, LaVar Huntzinger, Thoi Nguyen, "Feasibility of Nuclear Power on U.S. Military Installations", March, <http://www.cna.org/sites/default/files/research/Nuclear%20Power%20on%20Military%20Installations%20D0023932%20A5.pdf>)

With respect to the requirement to “consider the potential impact on the quality of

AND

will be fully considered and that ways are planned to mitigate those impacts.

#### Public perceptions, lack of qualified military personnel, and improved security requirements

Parthemore and Rogers 10 (Christine Parthemore, Bacevich Fellow at the Center for a New American Security, Will Rogers, Research assistant at the Center for a New American Security, "Nuclear Reactors on Military Bases may be Risky", 5/20, http://www.cnas.org/node/4502)

On the other hand, opponents contend that sufficient numbers of military base personnel may

AND

public perceptions could be in the event of extended blackouts for surrounding communities.

#### Nearby military operations mean no siting

King 11 (Marcus King, Project Director and Research Analyst for the Environment and Energy Team at Center for Naval Analyses, LaVar Huntzinger, Thoi Nguyen, "Feasibility of Nuclear Power on U.S. Military Installations", March, pg 36-37, <http://www.cna.org/sites/default/files/research/Nuclear%20Power%20on%20Military%20Installations%20D0023932%20A5.pdf>)

DoD must also consider the potential effect of military training on reactor operations. Reactors

AND

concepts that include industrial facilities associated with nuclear reactors raise additional safety concerns.

### 2NC- Labor Shortage

#### Labor shortages prevent scale up—we let the industry fail for too long to mobilize the necessary force to make a timely transition—independently short circuits the aff’s major internal link.

#### It’s the key factor in mobilizing nuclear energy

NEI 8/22/2012 (Nuclear energy institute, "US nuclear energy industry/US Navy agreement of understanding on workforce initiative" [www.nei.org/resourcesandstats/documentlibrary/careersandeducation/report/us-nuclear-energy-industryus-navy-agreement-of-understanding-on-workforce-initiative-aug-22-2012](http://www.nei.org/resourcesandstats/documentlibrary/careersandeducation/report/us-nuclear-energy-industryus-navy-agreement-of-understanding-on-workforce-initiative-aug-22-2012)

The nation is … century clean energy initiatives.

#### Zero chance of meeting employment goals

NEI 2010 (Nuclear energy institute, "Nuclear industry's comprehensive approach develops skilled work force for the future" www.nei.org/resourcesandstats/documentlibrary/newplants/factsheet/nuclearindustrydevelopsworkforce/?page=2)

The U.S. nuclear energy industry will need thousands of workers for the

AND

to hire approximately 25,000 more workers by 2015. [3]

# 1NR

## Overview

#### Absence Russia Relations they will work against US interests—Turns Hegemony

Simes ‘7 (Dimitri, President of the Nixon Center and Publisher of The National Interest, Foreign Affairs, “Losing Russia; The Costs of Renewed Confrontation,” Nov/Dec – lexis)

But if the current U.S.-Russian relationship deteriorates further, it will

AND

incentives and cover for others to confront Washington, with potentially catastrophic results.

#### U.S./Russian cooperation key to US Leadership

Sestanovich et al ‘6 (top Russia expert at the Council on Foreign Relations, Steven, 2006 [www.cfr.org/content/publications/attachments/Russia\_TaskForce.pdf](http://www.cfr.org/content/publications/attachments/Russia_TaskForce.pdf)

Over time, accumulating disagreements between Russia and the United States can have consequences that

AND

, whether its policies look West or East—can affect the outcome.

**Cooperation key to solve prolif**

**Sestanovich** et al, top Russia expert at the Council on Foreign Relations, ’6 (Steven, [www.cfr.org/content/publications/attachments/Russia\_TaskForce.pdf](http://www.cfr.org/content/publications/attachments/Russia_TaskForce.pdf))

The United States must expand its cooperation with Russia to keep the most dangerous international

AND

Iran with nuclear isolation if it continues to build sensitive nuclear fuelcycle facilities.

## Romney Won’t Harm Relations

**5 Romney win causes a full-scale crisis in relations - largest internal link to collapse**

- at: any thumpers

**Richter 7/2** Paul is a writer at the LA Times, citing Alexey Pushkov, chairman of the international affairs committee of the Russian Duma. "Russian official: Romney's hard line could bring 'full-scale crisis'," 2012, http://articles.latimes.com/2012/jul/02/news/la-pn-russian-official-romneys-hard-line-could-bring-fullscale-crisis-20120702

MOSCOW -- Mitt Romney’s comment that Russia is America’s “No. 1 geopolitical foe

AND

in Mexico that “they don’t want a personal conflict,” he said.

#### Romney will react in line with campaign rhetoric and Russia will react aggressively

Adomanis 10/23/12 (Mark, international contributor @ Forbes, “How Will Mitt Romney Demonstrate 'Backbone' With Vladimir Putin?” http://www.forbes.com/sites/markadomanis/2012/10/23/how-will-mitt-romney-demonstrate-backbone-with-vladimir-putin/)

Now because the debate was poorly run there wasn’t any follow-up on Romney’s

AND

Distribution Network in the face of aggressive attempts to weaken and marginalize it.

## Relations Resilent

#### Relations are sustainable but that can collapse easily – maintaining cooperation is critical.

Graham Allison and Robert D. Blackwill October 2011 Belfer Center for Science and International

AND

the administration’s coordinator for U.S. policies regarding Afghanistan and Iran.

Just as the United States should expect Russia to adjust many of its policies to

AND

neo-imperial ambitions, or the pace of democratic change in Russia.

#### Decline in relations lead to miscalc

Lendman ‘9 (Research Associate – Centre for Research on Globalization, 6-24, http://www.atlanticfreepress.com/reviews/10253-reviewing-f-william-engdahls-qfull-spectrum-dominance-totalitarian-democracy-in-the-new-world-orderq-part-i.html)

A nuclear-armed Russia with intercontinental missile capabilities halted the threat - until the

AND

contend "out of national survival considerations," not a desire for confrontation.

## Romney winning

#### Reject their Gallup polls---it’s skewed---Historics prove

Silver 10/18 Nate is head of the NYT’s 538 blog. “Gallup vs. the World,” 2012, http://fivethirtyeight.blogs.nytimes.com/2012/10/18/gallup-vs-the-world/?gwh=5E00DF13001CF76F90FE57382BE66AC8

The Gallup national tracking poll now shows a very strong lead for Mitt Romney.

AND

Gallup is wrong and everyone else is right than the other way around.

## Ux

#### Obama will win now but it will be close.

MICHAEL D. SHEAR and MARK LANDLER 11/1, http://www.nytimes.com/2012/11/02/us/politics/after-storm-hiatus-presidential-race-is-back-in-full-swing.html

Mr. Obama enters the last stretch with a slight and consistent — but in

AND

voters will help him overcome the president’s state-by-state organization.

#### Obama will now and Ohio is key – 77.4% chance now.

Nate Silver 10/31, 538, http://fivethirtyeight.blogs.nytimes.com/

Mr. Obama made gains in the FiveThirtyEight forecast on Tuesday, with his chances

AND

Mr. Obama, did not publish results on account of Hurricane Sandy.

#### Err to evidence from 538 – Nate Silver is awesome.

Leigh Bureau ‘10 the world’s preeminent lecture bureau, “Nate Silver,” http://www.leighbureau.com/speaker.asp?id=498

Nate Silver has been called a "spreadsheet psychic" and "number-crunching

AND

correctly predicted the presidential winner in 49 states and the District of Columbia.¶

## Link

#### Empirically—coal supporters fight tooth and nail against nuclear energy expansion

Adams, 10/8 (Experience working in nuclear industry for two decades, former submarine engineer officer & host and producer of The Atomic Show Podcast, “Pertaining to Fossil Fuel Industry Fighting Nuclear Using Propaganda,” http://deregulatetheatom.com/2012/10/pertaining-to-fossil-fuel-industry-fighting-nuclear-using-propaganda/

I agree that the Energy Reorganization Act was a coup de grace of antinuclear activism

AND

will use it for process heat – that gets some naysayers off our backs

#### Only a risk of the link – public massively opposed to nuclear expansion and there’s no constituency to lobby for the plan.

CSI 12. [Civil Society Institue, “SURVEY: CONGRESS, WHITE HOUSE FOCUS ON FOSSIL FUELS, NUCLEAR POWER IS OUT OF TOUCH WITH VIEWS OF MAINSTREAM AMERICA” November 3 -- http://www.civilsocietyinstitute.org/media/110311release.cfm]

If Congress thinks it has found a winning issue in trashing wind and solar power

AND

are actually quite striking findings in the context of the 2012 election campaign."¶

#### Their link turns assume squo levels of nuke power – the world of the aff is massively unpopular – how the question is asked is key – prefer our link.

Mariotte 12. [Michael, Executive Director of Nuclear Information and Resource Service, “Nuclear Power and Public Opinion: What the polls say” Daily Kos -- June 5 -- http://www.dailykos.com/story/2012/06/05/1097574/-Nuclear-Power-and-Public-Opinion-What-the-polls-say]

Conclusion 3: On new reactors, how one asks the question matters.¶ Gallup

AND

33 percent supported building a nuclear power plant in their own local area.”

#### And they’ll independently spin the plan to stoke fears – misinformation magnifies the link.

Dears 12. [Donn, Energy expert retired from GE Company, President of TSAugust a 501 (C) 3 not for profit corporation “Why Environmentalists Are Wrong About Nuclear Power” June 7 -- http://epaabuse.com/7459/editorials/why-environmentalists-are-wrong-about-nuclear-power/]

The lack of communications and the lack of knowledge among the people about radiation created fear – nameless and unreasonable fear.¶ The Fukushima accident has reignited fear among people about radiation. When a tuna fish off the coast of California was found to have low levels of radiation, it was headlined by the media. Those opposing nuclear power have used Fukushima to exploit people’s fear about radiation.