# 1NC

### 1NC T – Procurement

#### Government purchases may be an incentive but they aren’t FINANCIAL incentives.

Sam Schoofs, Calvin College, Washington Internships for Students of Engineering Institute of Electrical and Electronic Engineers 8-6-2004, “A federal Renewable Portfolio Standard: Policy Analysis and Proposal,” http://www.wise-intern.org/journal/2004/WISE2004-SamSchoofsFinalPaper.pdf,

D. Renewable Energy Policy Overview There are two main categories of renewable energy policies

AND

12]. Seven states currently have equipment certification programs in place [13].

#### Vote Neg

#### Limits – government procurement allows tons of new affs dealing with the military, government research facilities and almost any government service, this explodes the topic making deep debate and predictable ground impossible.

#### Ground – most topic arguments assume a private-sector based increase in energy production like investment tradeoffs, environmental DAs or condition the company CPs, government procurement dodges all these.

#### Prefer competing interpretations – reasonability guarantees judge intervention and is impossible to determine which makes being neg impossible

### 1NC T – Incentive Spec

#### Substantial is meaningful

**WordNet, 6** (WordNet® 3.0, © 2006 by Princeton University.

[Dictionary.reference.com/ browse/substantial](http://dictionary.reference.com/browse/substantial)

Substantial, adjective

 2. having a firm basis in reality and being therefore important, meaningful, or considerable; "substantial equivalents"

#### Increase requires specification

**OED, 89** (Oxford English Dictionary, 2nd edition, Online through Emory)

increase, v.

3. To become greater in some specified quality or respect; to grow or advance in.

#### Incentive implies a particular mechanism

**Marbek Resource Consultants, 06** (Report prepared for the Canadian Council of Ministers of the Environment “NATIONAL EXTENDED PRODUCER RESPONSIBILITY (EPR) WORKSHOP,” 9/27, http://www.ccme.ca/assets/pdf/epr\_wkshp\_rpt\_1376\_e.pdf

There were numerous suggestions for specific changes to the sixteen principles presented. The following list captures each suggestion (each number in parentheses corresponds to a principle presented): 􀁹 The suggestion was made, and supported by others, that the word “incentives” for producers be replaced with the word “encourage”, since the term “incentive” usually implies a particular mechanism (#1).

#### This is distinct from actions with incentive effects

Webb, 93 – lecturer in the Faculty of Law at the University of Ottawa (Kernaghan, “Thumbs, Fingers, and Pushing on String: Legal Accountability in the Use of Federal Financial Incentives”, 31 Alta. L. Rev. 501 (1993)  Hein Online)

In this paper, "financial incentives" are taken to mean disbursements 18 of

AND

In effect, these programs are assistance, but they are not incentives.

#### Violation: they’re not topical because they don’t specify the incentives they provide

#### C. Voting issue

#### 1. Negative ground – “incentives” is the direct object of resolutional action, ALL negative strategies are premised off of it, not specifying makes the aff a conditional moving target

#### 2. Kills topic education, generic incentives don’t exist, they must be tailored

Arvizu, 7 - Director National Renewable Energy Laboratory (Dan, CQ Congressional Testimony, “ENCOURAGING SOLAR ENERGY,” 6/19, lexis

We applaud the Committee for its continuing examination of solar and other sources of renewable

AND

requirements of each of the systems and devices we are seeking to deploy.

### 1NC Hafnium

#### Hafnium supply is keeping pace with demand now but the plan causes supply shortages that trades off with aerospace

Anthony Lipmann, Founder of LTD, 1-5-2012 "MMTA Meta Statistics - Hafnium" Lipmann Walton & Co, [www.lipmann.co.uk/articles/MMTA\_hafnium.html](http://www.lipmann.co.uk/articles/MMTA_hafnium.html)

Unlike the listed Zirconium producers above, Westinghouse, USA, does not generate Hafnium

AND

dependence on Zirconium output for source material would still remain a limiting factor.

#### Nuclear expansion causes supply bottlenecks and prevents recycling – turns case

Derek Abbott, professor in the School of Electrical and Electronic Engineering at the University of Adelaide, Sept. 2012, “Limits to growth: Can nuclear power supply the world’s needs?” Bulletin of Atomic Scientists

Could nuclear power be rapidly expanded on a global scale? There are a number

AND

the world’s supply of some elements and making them unavailable to future generations.

#### Hafnium is key to harden US military satellites

Aviation Week and Space Technology, 9-29-2008, “Computer Chips in Space”

The idea of developing and qualifying computer chips to fly in space using commercial microelectronic

AND

applications with rad-hard chips and the capability could also benefit NASA.

### 1NC Accidents

#### SMRs are coming – deployment before full review leads to accidents

Ucilia Wang, staff writer, 1-20-2012, “Feds To Finance Small Nuclear Reactor Designs,” http://www.forbes.com/sites/uciliawang/2012/01/20/feds-to-finance-small-nuclear-reactor-designs/

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.

#### The plan speeds SMRs up and causes accidents

Lyman, ‘11

[Dr. Edwin, Senior Scientist -- Union of Concerned Scientists, “AN EXAMINATION OF THE SAFETY AND ECONOMICS OF LIGHT WATER SMALL MODULAR REACTORS: HEARING before a SUBCOMMITTEE OF THE COMMITTEE ON APPROPRIATIONS UNITED STATES SENATE ONE HUNDRED TWELFTH CONGRESS FIRST SESSION, SPECIAL HEARING, JULY 14, 2011--WASHINGTON DC,” http://www.gpo.gov/fdsys/pkg/CHRG-112shrg72251/html/CHRG-112shrg72251.htm]

Given there is no apparent capital cost benefit for SMRs, we are concerned that

AND

can affect the safety of each site because of an accident its neighbors.

#### Nuclear accidents risk extinction

Stephen Lendman, Research Associate at the Center for Research on Globalization, 3-13-2011, “Nuclear Meltdown in Japan,” The People’s Voice, http://www.thepeoplesvoice.org/TPV3/Voices.php/2011/03/13/nuclear-meltdown-in-japan

For years, Helen Caldicott warned it's coming. In her 1978 book, "

AND

bomb able to devastate a large city, besides causing permanent radiation contamination.

### 1NC Politics

#### Obama will dominate debt ceiling negotiations now—fiscal cliff fights prove his capital is critical

John Judis, The New Republic, 1-3-2013, “Obama Wasn't Rolled. He Won!,” www.tnr.com/blog/plank/111573/obama-didnt-get-rolled-the-fiscal-cliff-in-fact-he-won

Secondly, Obama scored a major political triumph by getting Republicans to agree to raise

AND

Democrats make the kind of public fuss that they did over fiscal cliff.

**Nuclear get dragged into broader debates over energy spending which tanks Obama’s PC**

Gabriel **Nelson**, staff writer, **9-24**-2012, “DOE funding for small reactors languishes as parties clash on debt,” E&E Publishing, http://www.eenews.net/public/Greenwire/2012/09/24/3

It's not just wind and solar projects that are waiting for federal help as Congress

AND

are others who label the government subsidies as a waste of taxpayer dollars.

#### Plan trades off

Chris Cillizza, Aaron Blake, 12-11-2012, What Susan Rice can tell us about Obama’s second term, www.washingtonpost.com/blogs/the-fix/wp/2012/12/11/what-susan-rice-can-tell-us-about-obamas-second-term/

President Obama continues to mull whether to nominate Susan Rice to be Secretary of State

AND

on a Cabinet nominee — even one as prominent as Secretary of State.

#### Negotiation failure causes debt ceiling failure and global economic collapse

Ezra Klein, 1-2-2013, Calm down, liberals. The White House won., www.washingtonpost.com/blogs/wonkblog/wp/2013/01/02/calm-down-liberals-the-white-house-got-a-good-deal-on-the-fiscal-cliff/

All of which is leaving me a little unnerved. Because after diving deep into

AND

to a deal that pairs revenue-generating tax reform with spending cuts.

#### Extinction

Geoffrey Kemp, Director of Regional Strategic Programs at The Nixon Center, served in the White House under Ronald Reagan, special assistant to the president for national security affairs and senior director for Near East and South Asian affairs on the National Security Council Staff, Former Director, Middle East Arms Control Project at the Carnegie Endowment for International Peace, 2010, The East Moves West: India, China, and Asia’s Growing Presence in the Middle East, p. 233-4

The second scenario, called Mayhem and Chaos, is the opposite of the first

AND

expected, with dire consequences for two-thirds of the planet’s population.

### 1NC QER

#### The United States federal government should establish a Quadrennial Energy Review. In the Quadrennial Energy Review, the United States federal government should include a recommendation to acquire electricity from small modular reactors for mission critical military installations in the United States and exempt the Department of Defense from relevant small modular reactor licensing restrictions.

#### Recommending plan mandates through a QER process solves—only the CP creates policy sustainability and private sector coordination that unlocks energy innovation

Ernest Moniz, Cecil and Ida Green Professor of Physics and Engineering Systems and Director of the Energy Initiative at the Massachusetts Institute of Technology; Former Clinton Administration Under Secretary of the Department of Energy and as Associate Director for Science in, Spring 2012, “Stimulating Energy Technology Innovation,” Daedalus, Vol. 141, No. 2, Pages 81-93

It should come as no surprise that I do not have the answers for how

AND

government-wide actions that earn decent buy-in from major stakeholders.

# Case

## Solvency

### 1NC Costs

#### Costs kill SMRs

Daryan, energy analyst, 1-3-2012, “Part 10 – Small modular reactors and mass production options,” Daryan Energy Blog, http://daryanenergyblog.wordpress.com/ca/part-10-smallreactors-mass-prod/-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.

### 1NC Timeframe

#### No infrastructure – takes forever

Robert Rosner, astrophysicist and founding director of the Energy Policy Institute at Chicago and former Director of the Argonne National Laboratory, Stephen Goldberg, consultant with the Argonne National Laboratory, and Joseph Hezir, member of the Board on Physics and Astronomy of the National Research Council, 12-14-2011, "Small Modular Reactors – Key to Future Nuclear Power Generation in the U.S.," Energy Policy Institute at Chicago The Harris School of Public Policy Studies, https://epic.sites.uchicago.edu/sites/epic.uchicago.edu/files/uploads/SMRWhite\_Paper\_Dec.14.2011copy.pdf

SMR design, licensing, and detailed engineering activities are in an early stage.

AND

for an nth-of-a-kind (NOAK) economy.

### 1NC Incentives Fail

#### Government incentives kill SMR development

Jack Spencer, senior research fellow in nuclear energy policy at Heritage, and Nicolas Loris, fellow in public policy at Heritage, 2-2-2011, “A Big Future for Small Nuclear Reactors?” Heritage Backgrounder, http://www.heritage.org/research/reports/2011/02/a-big-future-for-small-nuclear-reactors

Too many policymakers believe that Washington is equipped to guide the nuclear industry to success

AND

cost and risk of a more mature technology that already dominates the marketplace.

### 1NC No Capacity

#### Manufacturing capacity kills SMR exports

ITA, International Trade Administration, February, U.S. Department of Commerce, 2011 "The Commercial Outlook for U.S. Small Modular Nuclear Reactors", <http://trade.gov/publications/pdfs/the-commercial-outlook-for-us-small-modular-nuclear-reactors.pdf>)

There are also domestic policies that hinder U.S. SMR competitiveness, with

AND

.S. manufacturers face a significant trade barrier in key foreign markets.

## Warming

### 1NC No Impact

#### Warming doesn’t cause extinction – its gradual, humans adapt, and technology solves problems before they occur

Matt Ridley, British scientist, 8-17-2012, “Apocalypse Not: Here’s Why You Shouldn’t Worry About End Times,” Wired, http://www.wired.com/wiredscience/2012/08/ff\_apocalypsenot/all/

So, should we worry or not about the warming climate? It is far

AND

arise, not through the mass fear stoked by worst-case scenarios.

#### If Prothero is correct – too late to make meaningful changes

### 1NC Geoengineering

#### Geoengineering solves catastrophic impacts

Ronald Bailey, reason’s science correspondent, 6-10-2008, “An Emergency Cooling System for the Planet,” Reason Magazine, http://reason.com/archives/2008/06/10/an-emergency-cooling-system-fo

So if we don't want to perpetuate poverty in the name of preventing climate change

AND

over 75 years to counter the climatic effects of rising carbon dioxide concentrations.

### 1NC Locked In

#### Feedback cycles already triggered – can’t avert extreme warming

Richard Miller, professor at Creighton University specializing in morality and public politics, 3-23-2012, “Global Suicide Pact,” Commonweal, http://commonwealmagazine.org/%E2%80%98global-suicide-pact%E2%80%99

Because of the long life of CO2 , unless we immediately reduce greenhouse gas emissions

AND

take over and cause very large changes that are completely beyond our control.

### CO2s Not So Bad

#### CO2 expansion key to solve food shortages

**Idso et. al. 11**—Former Professor in the Departments of Geology, Geography, and Botany and Microbiology @ Arizona State and PhD from UMinnesota and former research physicist for the Department of Agriculture—AND Keith Idso, PhD in Botany—AND Craig, PhD in Geography (Sherwood, “Is There a Need for a More Sustainable Agriculture?” Vol. 14, Iss. 24, 15 June 2011, <http://co2science.org/articles/V14/N24/EDIT.php>

In a paper that came to our attention a couple weeks ago, Gomiero et

AND

, and all should have a say in what to do about it.

#### Cutting coal ends aerosols – aerosols solve climate change.

Jim Robbins, staff writer, 11-16-2011, “2 Views of Aerosols and Climate Change,” NYT, http://green.blogs.nytimes.com/2011/11/16/good-cop-bad-cop-2-views-of-aerosol-and-climate-change/

In a reflection of the complexity of atmospheric science, however, a different new

AND

allow carbon dioxide to be taken up more readily on land and oceans.”

### 1NC Species

#### Some warming is inevitable and new species fill in for any extinctions

William DeBuys, Writer and conservationist, 7-27-2012, “The West in flames: Get used to it,” GRIST, http://grist.org/climate-change/the-west-in-flames-get-used-to-it/

It’s never too late to take action, but now, even if all greenhouse

AND

Choose a clonal shrub, instead. The future looks good for them.”

## Grid

### 1NC Status Quo Solves

#### Status quo solves islanding – the military figured out their advantage and fixed it

Michael Aimone, Director, Business Enterprise Integration, Office of the Deputy Under Secretary of Defense (Installations and Environment), 9-12-2012, Statement Before the House Committee on Homeland Security, Subcommittee on Cybersecurity, Infrastructure Protection and Security Technologies, 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.

### 1NC Infrastructure Resilient

#### Infrastructure is resilient

Sean Lawson, Ph.D. Department of Communication University of Utah, January 2011, “WORKING PAPER BEYOND CYBER-DOOM: Cyberattack Scenarios and the Evidence of History,” Mercatus Center: George Mason University, http://krypt3ia.files.wordpress.com/2012/02/beyond-cyber-doom-cyber-attack-scenarios-evidence-history.pdf

History & Sociology of Infrastructure Failure Even today, planning for disasters and future military

AND

did not lead to proportional or greater levels of social and economic disorganization.”

### 1NC AT: Grid

#### No lashout – we wouldn’t lose our shit if the power went out

Michael Quinlan, Consulting Senior Fellow for South Asia International Institute for Strategic Studies, 2009, “Thinking About Nuclear Weapons,” amazon

Similar considerations apply to the hypothesis of nuclear war being mistakenly triggered by false alarm

AND

action at short notice should be abandoned. Chapter 13 returns to this.

#### Other countries would know we could retaliate – they wouldn’t want to test us

#### No Cyber war

Ronald Bailey, science correspondent,1-18-2011, “Cyberwar is Harder than it Looks,” Reason, http://reason.com/archives/2011/01/18/cyberwar-is-harder-than-it

A new report, Reducing Systemic Cybersecurity Risk, [PDF] by British researchers

AND

as someone able to walk into the facilities with an infected USB drive.

### 1NC No Impact to Heg

#### No violent decline

Christopher J. Fettweis, Department of Political Science, Tulane University, 9-26-2011, Free Riding or Restraint? Examining European Grand Strategy, Comparative Strategy, 30:316–332, EBSCO

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.

#### No impact to heg decline – prefer our evidence – most conclusive study

Paul K. MacDonald, Assistant Professor of Political Science at Williams College and Joseph M. Parent, Assistant Professor of Political Science at the University of Miami, Spring 2011, “Graceful Decline?” International Security, Vol 35, No 4.

In this article, we question the logic and evidence of the retrenchment pessimists.

AND

none of the declining powers that failed to retrench recovered their relative position.

# Block

## Politics

### OV

#### Debt ceiling turns and ow case

#### Kemp indicates global collapse spurs massive waves of conflict that probably turn hegemony

#### Economic decline also means nobody can buy or commercialize SMRs

#### Obama’s debt ceiling deal averts the sequester

Michael Shear, writer for the International Herald Tribune, and Jonathan Weisman, writer for the International Herald Tribune, 1-3-2013 “Republicans ready for another battle; Beaten on tax increase, they're spoiling to take on U.S. borrowing limit” accessed on Lexis

President Barack Obama's eyes narrowed late Tuesday, just hours after a divided House of

AND

middle of a nasty, drawn-out debate over the debt limit.

#### Signal of sequestration destroys US global military power---triggers multiple scenarios for nuclear war

Duncan Hunter, a U.S. Representative from Alaska, 9-30-2012, “SEQUESTRATION SENDS WRONG MESSAGE TO U.S. FRIENDS AND FOES ALIKE,” http://www.utsandiego.com/news/2012/sep/30/tp-sequestration-sends-wrong-message-to-us/?page=1#article

Over the next 10 years, because of sequestration, the Pentagon will be forced

AND

uphold our promises and stand ready to defend our interests against any threat.

#### Debt ceiling causes a 2nd credit downgrade

Joseph Schatz and Patrick Reis, Politico, 1-1-2013, Enjoy the fiscal cliff debate? Just wait for the debt ceiling, dyn.politico.com/printstory.cfm?uuid=A4ED7193-AC63-44BA-A01C-31E5D9FC084B

Even if Congress steers clear of default, another round of debt-ceiling brinkmanship

AND

the credit rating firms that there is an unwillingness to address this issue.”

#### Another credit downgrade tanks the global economy – US is key

Marc Goldwein, senior policy analyst for the fiscal policy program at the New America Foundation and former Associate Director of the National Commission on Fiscal Responsibility and Reform, The Atlantic, 8-11-2011, Drawing a AAA-Road Map for Post-Downgrade America, http://www.theatlantic.com/business/archive/2011/08/drawing-a-aaa-road-map-for-post-downgrade-america/243463/)¶

Rather than going up, interest rates have actually fallen a bit since the rating

AND

growth - structural problems that make it difficult to deal with our debt.

### UQ

#### 1NC Judis evidence is excellent – Obama is pushing forward on the debt ceiling deal but his PC is key to bring along republicans and get them to back down

#### Debt ceiling deal coming now

Greg Sargent, writer for the Washington Post, 1-7-2013, “No, we are not ‘finished’ with the tax debate” http://www.washingtonpost.com/blogs/plum-line/wp/2013/01/07/the-morning-plum-no-we-are-not-finished-with-the-tax-debate/

It is going to be far harder for Republicans to make their case than they

AND

is that ultimately, Republicans will have to agree to something approaching this.

#### Obama has the chance to broker a deal – but it can change quickly – maintaining capital and momentum is key

The Irish Times, 1-3-2013, “Once more unto the brink” accessed through Lexis

The federal government has already broken through that ceiling but technical extraordinary measures by the

AND

freedom. But it will dissipate fast if he does not use it.

#### PC enables a deal – solves all the reasons that it wouldn’t pass now

Debra Saunders, writer for the San Francisco Chronicle, 1-3-2013 “Once more unto the cliff, dear friends” accessed through Lexis

So, if voters really want balance, they should root for Republicans to force

AND

we need is a president to lead, and we can do it."

### “Thumpers”

#### They are wrong – our Cilizza ev is plenty good on the question of PC – this is not just generic fights

#### None of their ev passes the threshold of a thumper

### AT: General Thumpers

#### Debt ceiling first—crowds out other issues

Linda Feldmann, Christian Science Monitor, 1-2-2013, How Obama won and lost in 'fiscal cliff' deal, Lexis

But Obama's victory is narrow. And by getting only a partial deal now,

AND

inauguration on Jan. 21 - starting with gun violence and immigration reform.

and risk even more of his standing for better immigration laws, including giving illegal immigrants the chance to legalize their status.

#### Fiscal battles will be the only thing on the agenda

Rick Moran, writer for the American Thinker, 1-3-2013, “Despite looming debt ceiling fight, gun control, immigration reform on Obama’s agenda” http://www.americanthinker.com/blog/2013/01/despite\_looming\_debt\_ceiling\_fight\_gun\_control\_immigration\_reform\_on\_obamas\_agenda.html

The timeframe is likely to be cheered by Democrats and immigration reform advocates alike,

AND

-- with something like this, Congress just comes to a complete standstill."

#### Spending fights are the top of Obama’s agenda

Howard Kurtz, Daily Beast and Newsweek Washington Bureau Chief, 1-1-2013, “Obama Fiscal Cliff Victory Could Invite Years of Warfare with the GOP” http://www.thedailybeast.com/articles/2013/01/01/obama-fiscal-cliff-victory-could-invite-years-of-warfare-with-the-gop.html

The White House wasn’t shy about declaring victory after the Senate’s 2 a.m

AND

the president is that this could encroach on his second-term agenda.

#### XX

### Guns

#### Debt ceiling comes before gun control

Kathleen Hennessey, writer for the LA Times, and David Lauter, writer for the LA Times, 12-31-2012, “Obama wins ‘fiscal cliff’ victory, but at high cost” http://articles.latimes.com/2012/dec/31/nation/la-na-fiscal-cliff-analysis-20130101

The agreement to freeze income tax rates for most Americans while allowing them to rise

AND

block Obama's other major legislative priorities, including immigration reform and gun control.

#### No political momentum for Gun Control

Seung Min Kim, staff writer, 1-2-2013, “New Congress with same old problems,” Politico.

But the political momentum for Democrats carries much less when it comes to the other

AND

I’m not sure how we would do with just a vote among Democrats.”

#### Obama not spending capital on guns

WSJ 1-1

“Push for New Restrictions on Guns Lacks Clear Strategy,” <http://online.wsj.com/article/SB10001424127887323635504578215573086140996.html?mod=googlenews_wsj>

Democrats hoping to enact new gun restrictions after last month's school shooting have yet to

AND

cool, making it harder to pass new laws as time goes on.

### Hagel

#### Hagel’s opposition is loud but the Senate will nominate him without backlash

Scott Shane, writer for the New York Times, and David E. Sanger, writer for the New York Times,

1-6-2013, “Obama’s Pick for Defense Is an Ally, and a Lightning Rod” http://www.nytimes.com/2013/01/07/us/obama-expected-to-select-hagel-for-defense-post.html?\_r=0

The White House is calculating that opposition to Mr. Hagel may be loud but not broad and that in end the Senate will confirm him. Administration officials argued that voting against a Republican war hero to run the Defense Department would not be easy for fellow Republicans, and they are confident that disgruntled Democrats will ultimately not deny their president his choice.

#### The GOP will go along with Hagel – won’t risk the political consequences of his rejection

Scott Shane, writer for the New York Times, and David E. Sanger, writer for the New York Times,

1-6-2013, “Obama’s Pick for Defense Is an Ally, and a Lightning Rod” http://www.nytimes.com/2013/01/07/us/obama-expected-to-select-hagel-for-defense-post.html?\_r=0

“At the end of the day, Republicans will support a decorated war hero who was their colleague for 12 years and has critical experience on veterans’ issues,” said an administration official who requested anonymity to discuss a nomination before it was announced. “It would be hard to explain a no vote just because he bucked his party on Iraq, a war most Americans think was a disaster.”

### PC Key/TOD

#### PC is key to debt ceiling deal – it’s top of the docket

John Feehery, President of Communications and Director of Government Affairs for Quinn Gillespie and Associates, 1-2-2013, “The Clock” http://www.thefeeherytheory.com/2013/01/02/the-clock/

The President has already declared that the debt limit is off the table, but

AND

that dove-tails quite nicely with out-of-control spending.

#### Obama needs his PC for successful negotiations over fiscal policy – those fights crowd out all other issues

Richard McGregor, writer for the Financial Times, 1-2-2013 “Fiscal fights threaten US policy goals” http://www.ft.com/cms/s/0/8f8ef804-5501-11e2-a628-00144feab49a.html?ftcamp=published\_links%2Frss%2Fworld%2Ffeed%2F%2Fproduct#axzz2GtNWiw3I

In the short term, fiscal fights will dominate politics for months to come and

AND

with declining political capital will face an uphill battle to shift their views.

#### The debt ceiling forces Obama to the table – he’ll use PC

Michael Shear, writer for the International Herald Tribune, and Jonathan Weisman, writer for the International Herald Tribune, 1-3-2013 “Republicans ready for another battle; Beaten on tax increase, they're spoiling to take on U.S. borrowing limit” accessed on Lexis

President Barack Obama's eyes narrowed late Tuesday, just hours after a divided House of

AND

table on spending cuts and issues like reform of Medicare and Social Security.

#### Obama has no other feasible options – he has to negotiate

Greg Sargent, writer for the Washington Post, 1-4-2013, “What does ‘not negotiating’ look like?” http://www.washingtonpost.com/blogs/plum-line/wp/2013/01/04/the-morning-plum-what-does-not-negotiating-look-like/

Like many others, I’d like to believe this is true. But what does

AND

ceiling. And he doesn’t appear prepared to do any of those things.

### Doesn’t Solve Growth

#### Obvi long term

## Solvency

### 2NC Costs – SMRs

#### SMRs cost way more – Daryan indicates

#### a) all of the pre-construction costs still apply but there’s lower payoff

#### b) one reactor can sink a whole group of reactors

#### c) all status quo infrastructure is for large reactors – you have to build a whole new chain

#### No chance of SMRs ever being commercially viable---negative learning and cost overruns will only cascade

Thomas B. Cochran, member of the Department of Energy's Nuclear Energy Advisory Committee, consultant to the Natural Resources Defense Council, was a senior scientist and held the Wade Greene Chair for Nuclear Policy at NRDC, and was director of its Nuclear Program, 5-30-2012, “NRDC’s Perspectives on the Economics of Small Modular Reactors,” http://www.ne.doe.gov/smrsubcommittee/documents/NRDC%20Presentation%205-30-12.pptx

BROAD CONCLUSIONS AND QUESTIONS ON SMRs In formulating conclusions and recommendations, there must be

AND

seriously consider these questions before committing additional resources in pursuit of SMR development.

#### SMRs massively increase cost – there’s a reason we have big reactors

Arjun Makhijani, electrical and nuclear engineer and President of the Institute for Energy and Environmental Research, and Michele Boyd, Director of the Safe Energy Program at Physicians for Social Responsibility, 9-2010, “Small Modular Reactors,” Institute for Energy and Environmental Research, http://ieer.org/wp/wp-content/uploads/2010/09/small-modular-reactors2010.pdf

SMR proponents claim that small size will enable mass manufacture in a factory, enabling

AND

to try to achieve economies of scale and make nuclear power economically competitive.

#### Even if they become economical, the first wave are hugely UNeconomical

Arjun Makhijani, electrical and nuclear engineer and President of the Institute for Energy and Environmental Research, and Michele Boyd, Director of the Safe Energy Program at Physicians for Social Responsibility, 9-2010, “Small Modular Reactors,” Institute for Energy and Environmental Research, http://ieer.org/wp/wp-content/uploads/2010/09/small-modular-reactors2010.pdf

Proponents argue that because these nuclear projects would consist of several smaller reactor modules instead

AND

PBMR) propose no secondary containment, but this would increase safety risks.

#### Regulatory costs outweigh – their authors ignore those

Arjun Makhijani, electrical and nuclear engineer and President of the Institute for Energy and Environmental Research, and Michele Boyd, Director of the Safe Energy Program at Physicians for Social Responsibility, 9-2010, “Small Modular Reactors,” Institute for Energy and Environmental Research, http://ieer.org/wp/wp-content/uploads/2010/09/small-modular-reactors2010.pdf

These cost increases are unlikely to be offset even if the entire reactor is manufactured

AND

to ensure safety, especially given the history of some of proposed designs.

#### Negative learning jacks the nuclear industry---they’re going all-in on large LWRs now---switching and eating escalating costs destroys them

Gabriel Nelson, E&E Reporter, and Hannah Northey, 9-24-2012, “DOE funding for small reactors languishes as parties clash on debt,” http://www.eenews.net/public/Greenwire/2012/09/24/3

Experts continue to argue whether the small modular reactor approach will really reduce costs,

AND

have had their credit downgraded -- sometimes more than once -- during construction.

### 2NC Timeframe – Warming

#### SMRs can’t solve warming – they take too long

Arjun Makhijani, electrical and nuclear engineer and President of the Institute for Energy and Environmental Research, and Michele Boyd, Director of the Safe Energy Program at Physicians for Social Responsibility, 9-2010, “Small Modular Reactors,” Institute for Energy and Environmental Research, http://ieer.org/wp/wp-content/uploads/2010/09/small-modular-reactors2010.pdf

Efficiency and most renewable technologies are already cheaper than new large reactors. The long

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

## Warming

### 2NC No Impact

#### No impact to warming – Ridley indicates changes are slow and gradual – humanity is a fast-moving target and apocalyptic predictions have been disproven

#### Low threshold for our defense—uncertainty disproves the need for action, takes out their impacts, and means you should vote neg on presumption

Eric Dennis, PhD physics, UC Santa Barbara, senior fellow, Center for Industrial Progress, 3-16-2012, “What the “Skeptics” of Climate Catastrophe are Skeptical Of: Nordhaus Reconsidered,” <http://www.masterresource.org/2012/03/what-the-skeptics-are-skeptical-of/>

To say that modeling the climate for long-term predictions is difficult given the

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transform the entire world economy based on these models should be treated accordingly.

#### Err neg – terminal impact is a century off

Robert Mendelsohn, Davis Professor of Forest Policy & Professor of Economics, 2009, “Climate Change and Economic Growth,” http://www.growthcommission.org/storage/cgdev/documents/globalization/ch12globalization.pdf

The heart of the debate about climate change comes from numerous warnings from scientists and

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range climate risks. What is needed are long-run balanced responses.

#### Experts agree

Jeremy Hsu, Live Science Staff, 7-19-2010, <http://www.livescience.com/culture/can-humans-survive-extinction-doomsday-100719.html>

His views deviate sharply from those of most experts, who don't view climate change

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crop yields, so we're essentially doing an experiment whose result remains uncertain."

#### Previous temperature spikes disprove the impact

Fred Singer, PhD physics – Princeton University and professor of environmental science – UVA, consultant – NASA, GAO, DOE, NASA, Carter, PhD paleontology – University of Cambridge, adjunct research professor – Marine Geophysical Laboratory @ James Cook University, and Craig Idso, PhD Geography – ASU, 2011, S. Fred, Robert M. and Craig, “Climate Change Reconsidered,” 2011 Interim Report of the Nongovernmental Panel on Climate Change

Research from locations around the world reveal a significant period of elevated air temperatures that

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of the data employed by Mann et al. (1998, 1999).

### 2NC Geoengineering

Even if warming is high, we’ll geoengineer – Bailey lists a number of currently feasible options – prefer this ev because it’s from a scientist considering the actual survivable thresholds we could get to with squo tech

#### Geoengineering is inevitable and cheap

Marc Gunther, veteran journalist, speaker, and writer whose focus is business and sustainability, contributing editor at FORTUNE magazine, 2-9-2010, “Is geoengineering inevitable?” http://www.marcgunther.com/2010/02/09/is-geoengineering-inevitable/

Geoengineering, says scientist David Keith, “is like chemotherapy. It’s something nobody

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worth, the scientists at EDF’s event told me that will never work.)

#### History proves humans adapt to warming – we’re resilient

Michael Rowland, professor in the Department of Environment and Resource Management at the University of Queensland, 4-23-2010, “Will the sky fall in? Global warming - an alternative view,” Antiquity, vol 84, EBSCO

The media and some scholars increasingly predict global catastrophe resulting from human impacts on the

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2005; Gostanza et al. 2007), but resilience appears more common.

#### Geoengineering is inevitable

Clive Hamilton, professor of public ethics at Charles Sturt University in Canberra, 12-5-2011, “The clique that is trying to frame the global geoengineering debate,” Guardian, http://www.guardian.co.uk/environment/2011/dec/05/clique-geoengineering-debate

Let's hope their nervousness does not keep them out of the debate. For as the world flounders in the mire of climate politics, one thing is certain: geoengineering is here to stay and the pressure to deploy schemes to regulate the planet as a whole will become extreme. Anyone with a modicum of foresight can see that the geopolitical stakes are immense.

### 2NC Locked In

#### The US isn’t key – we’ve reduced emissions

Edward Luce, Washington bureau chief for the Financial Times, 7-15-2012, “Welcome to the new world of American energy,” Financial Times, http://www.ft.com/intl/cms/s/0/3f86b2fc-cce4-11e1-9960-00144feabdc0.html#axzz21tNjWTcl

The final challenge is logical. Without meaning to, America has cut its carbon

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is countries such as China and India that will set the global level.

#### Can’t solve international demand for higher living standards

James Fallows, energy correspondent for the Atlantic, December 2010, “Dirty Coal, Clean Future,” The Atlantic, http://www.theatlantic.com/magazine/archive/2010/12/dirty-coal-clean-future/8307/?single\_page=true

Recall the 37 billion tons of worldwide annual carbon-dioxide emissions. On a

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whose creation and operation send carbon dioxide and other gases into the sky.

#### Warming is locked in for 40 years – can’t predict security beyond that period

IISS, International Institute for Strategic Studies, January 2011, “The IISS Transatlantic Dialogue on Climate Change and Security,” Report to the European Commission, pdf

At a global level over a longer period, the picture is becoming clearer as

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.2° Celsius per decade, consistent with trends since the 1970s.

#### Too much lag-time

Brian Miller, PhD from University of Wyoming, and George Wuerthner, Ecological Projects Director for the Foundation for Deep Ecology and noted ecologist, 8-3-2012, “The Politics of Climate Change,” CounterPunch, http://www.counterpunch.org/2012/08/03/the-politics-of-climate-change/

Furthermore, there is about a 30-year lag between greenhouse-gas emissions

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use faster than it can be made will eventually lead to more problems.

## Grid

### 2NC No Impact to Heg

#### Heg decline doesn’t cause war – Fettweis says its statistically proven – in the 90s when the US cut its forces wars went down and no arms races occurred.

#### Prefer our evidence – their ev relies on historical anecdotes – Fettweis does detailed social science

#### No transition crisis – powers integrate, they don’t challenge.

John Ikenberry, Albert G. Milbank Professor of Politics and International Affairs at Princeton, Summer 2011, “A World of Our Making,” Democracy, Issue #21, http://www.democracyjournal.org/21/a-world-of-our-making-1.php?page=2

Fourth, all the great powers have alignments of interests that will continue to bring

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politics, there are deep forces that keep the system anchored and stable.

#### No impact to heg decline – prefer our evidence – most conclusive study

Paul K. MacDonald, Assistant Professor of Political Science at Williams College and Joseph M. Parent, Assistant Professor of Political Science at the University of Miami, Spring 2011, “Graceful Decline?” International Security, Vol 35, No 4.

In this article, we question the logic and evidence of the retrenchment pessimists.

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none of the declining powers that failed to retrench recovered their relative position.

#### Other factors prevent regional escalation – SQ retrenchment solves.

Joseph M. Parent (Assistant Professor of Political Science at the University of Miami) and Paul K. MacDonald (Assistant Professor of Political Science at Wellesley College) November/December 2011 “The Wisdom of Retrenchment” Foreign Affairs, http://www.ihavenet.com/World-United-States-The-Wisdom-of-Retrenchment-America-Must-Cut-Back-to-Move-Forward-Foreign-Affairs.html

Despite the erosion of U.S. military and economic dominance, many observers

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would also allow the United States to restore some luster to its leadership.

#### The transition is peaceful – competitors will integrate not challenge

John Ikenberry, Professor of Politics and International Affairs at Princeton University, Jan/Feb 2008, “The Rise of China and the Future of the West; Can the Liberal System Survive?” Foreign Affairs, Vol. 87, Iss. 1; pg. 23.

That course, however, is not inevitable. The rise of China does not

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order, in short, is hard to overturn and easy to join.

#### No transition wars – nuclear deterrence and liberal democracies

John Ikenberry, Albert G. Milbank Professor of Politics and International Affairs at Princeton, Summer 2011, “A World of Our Making,” Democracy, Issue #21, http://www.democracyjournal.org/21/a-world-of-our-making-1.php?page=2

There are four reasons to think that some type of updated and reorganized liberal international

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order is removed, a bias for continuity is introduced into the system.

### 2NC Status Quo Solves

#### DOD is massively increasing efforts to ensure operational continuity – means zero risk of mission interruption during a significant commercial grid outage – that’s Aimone

#### More ev – new strategies solve

Michael Aimone, Director, Business Enterprise Integration, Office of the Deputy Under Secretary of Defense (Installations and Environment), 9-12-2012, Statement Before the House Committee on Homeland Security, Subcommittee on Cybersecurity, Infrastructure Protection and Security Technologies, http://homeland.house.gov/sites/homeland.house.gov/files/Testimony%20-%20Aimone.pdf

 Chairman Lungren and distinguished Members of the Subcommittee. Thank you for the opportunity

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the challenges to DoD mission assurance that lie far beyond our military bases.

#### Microgrids solve DOD vulnerability

Pike Research, market research and consulting firm that provides in-depth analysis of global clean technology markets, 9-16-2011, <http://www.pikeresearch.com/newsroom/military-microgrid-capacity-to-experience-more-than-700-growth-by-2017>

Military Microgrid Capacity to Experience More than 700% Growth by 2017 September 16,

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companies including Lockheed Martin, GE, Honeywell, Boeing, and Eaton.

### 2NC Grid Resilient

#### Grid shutdown doesn’t cause collapse – backup systems resilient

Douglas Birch, a former foreign correspondent for the Associated Press and the Baltimore Sun who has written extensively on technology and public policy, 10-1-2012, “Forget Revolution,” Foreign Policy, http://www.foreignpolicy.com/articles/2012/10/01/forget\_revolution

But this cataclysmic event didn't cause widespread chaos in India -- indeed, for some

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

#### No risk of apocalyptic cyber attacks – no incentive and cyber deterrence

Douglas Birch, a former foreign correspondent for the Associated Press and the Baltimore Sun who has written extensively on technology and public policy, 10-1-2012, “Forget Revolution,” Foreign Policy, http://www.foreignpolicy.com/articles/2012/10/01/forget\_revolution

Likewise, some of the bill's advocates suspect that in the aftermath of a truly

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even terror groups have to factor in potential retaliation when planning their operations.

#### Cyberattacks won’t occur on sensitive targets

Martin Libicki, Senior Policy Analyst at the RAND Corporation, 2009, “Cyberdeterrence and Cyberwar” http://www.rand.org/pubs/monographs/2009/RAND\_MG877.pdf

Some targets may be too risky or messy to be good targets. The risky

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zones may even provide a path for both sides to de-escalate.

#### Grid resilient – 4 reasons

Alfred R. Berkeley III and Mike Wallace, national infrastructure advisory council, 10-19-2010, "A Framework for Establishing Critical Infrastructure Resilience Goals" http://www.dhs.gov/xlibrary/assets/niac/niac-a-framework-for-establishing-critical-infrastructure-resilience-goals-2010-10-19.pdf

Although there are many definitions of resilience, the Council used the definition developed in

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remarkable record of safety, reliability, and efficiency while managing operational risks.

#### Cyberattacks nearly impossible – empirics and defenses solve

Thomas Rid, reader in War Studies at King’s College London, March-April 2012, “Think Again: Cyberwar,” http://www.foreignpolicy.com/articles/2012/02/27/cyberwar?page=full

"Cyberwar Is Already Upon Us." No way. "Cyberwar is coming!"

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made reprogramming highly specific installations on legacy systems more complex, not less.

#### Cyber war impossible

Paul Clark, MA in Intelligence Studies at the American Military University, 4-28-2012, “The Risk of Disruption or Destruction of Critical U.S. Infrastructure by an Offensive Cyber Attack,” American Military University

The Department of Homeland Security worries that our critical infrastructure and key resources (CIKR

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establish robust security guidelines and cyber security measures (Gohn and Wheelock 2010).

#### No accidental launch

Robert Williscroft, PhD in General Engineering at California Coast University, 2010, “Accidental Nuclear War,” http://www.argee.net/Thrawn%20Rickle/Thrawn%20Rickle%2032.htm)

Is there a realistic chance that we could have a nuclear war by accident?

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missile can be accidentally launched...ever...under any circumstances...period!

## QER

### 2NC Overview

#### Singular energy policies fail, only the counterplan sets up contingencies which are key

Julio Friedmann, Carbon Management Program Leader for Lawrence Livermore National Laboratory, and the technical leader for the clean coal consortium under the U.S.-China Clean Energy Research Center, 4-3-2011, The Atlantic, “Why We Need a Quadrennial Energy Review”, http://www.theatlantic.com/technology/archive/2011/04/why-we-need-a-quadrennial-energy-review/73371/

Why We Need a Quadrennial Energy Review. On good days, when I'm more

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, and to Justin Miller and John Hendel for their help and guidance.

#### Coordination solves better than the aff – spinoffs, quicker implementation, avoids duplication which takes out the aff

PCAST, President’s Council of Advisors on Science and Technology, November 2010, “REPORT TO THE PRESIDENT ON ACCELERATING THE PACE OF CHANGE IN ENERGY TECHNOLOGIES THROUGH AN INTEGRATED FEDERAL ENERGY POLICY”, <http://www.whitehouse.gov/sites/default/files/microsites/ostp/pcast-energy-tech-report.pdf>

These considerations set the stage for extraordinary action by the Federal government to support not

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much more integrated and coherent Federal approach to energy policy and technology innovation.

#### Overwhelms solvency deficits

Christopher Coons, US Senator, 10-13-2011, “Senator Coons calls for coordinated national energy review” http://www.coons.senate.gov/newsroom/releases/release/senator-coons-calls-for-coordinated-national-energy-review-http://www.coons.senate.gov/newsroom/releases/release/senator-coons-calls-for-coordinated-national-energy-review

Margot Anderson, Executive Director of the Bipartisan Policy Center’s Energy Project, added,

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,” said Robert Walther, Senior Energy Advisor of the Third Way Organization.

#### Education about process is independently necessary in the context of energy- implementation is THE relevant question- there is an overemphasis on irrelevant issues of substance rather than process

#### Process education outweighs

Sean Nolan, Associate Professor of Law and Dispute Resolution Program Director, 2012, Vermont Law “Negotiating the Wind: A Framework to Engage Citizens in Siting Wind Turbines”, Cardozo Journal of Conflict Resolution, Vol. 12, p. 327, 2011

Despite demonstrated need and available technology, the promise of wind energy has yet to

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citizens and provide the substrate on which a satisfactory solution can be reached.

#### Contextual evidence proves its distinct - Severs ENTIRE plan – counterplan only recommends the plan NEVER fiats it

Lisa Murkowski, Senator, and STEVEN E. KOONIN, UNDER SECRETARY FOR SCIENCE, DEPARTMENT OF ENERGY, 11-15-2011, http://www.gpo.gov/fdsys/pkg/CHRG-112shrg72188/html/CHRG-112shrg72188.htm

This whole issue of the QTR, the first Quadrennial Technology Review, which is

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picture if we're going to make progress on the challenges that we're facing.

#### "Should" is mandatory

Judge Henry Nieto, Colorado Court of Appeals, 8-20-2009, People v. Munoz, 240 P.3d 311 (Colo. Ct. App. 2009)

“Should” is “used ․ to express duty, obligation, propriety,

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be allocated for the purpose of parents' federal tax exemption to be mandatory).

**Should requires immediacy and demands legal effect**

**Summer** **94** (Justice, Oklahoma Supreme Court, "Kelsey v. Dollarsaver Food Warehouse of Durant", http://www.oscn.net/applications/oscn/DeliverDocument.asp?CiteID=20287~~%23marker3fn14)

¶4 The legal question to be resolved by the court is whether the word

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intent must be garnered from the four corners of the entire record.[16](http://www.oscn.net/applications/oscn/DeliverDocument.asp?CiteID=20287#marker3fn16)

[CONTINUES – TO FOOTNOTE]

[13](http://www.oscn.net/applications/oscn/DeliverDocument.asp?CiteID=20287#marker2fn13) "Should" not only is used as a "present indicative" synonymous

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. 336, 337, 27 L.Ed. 201 (1882).

### QER – Solves Signal

#### Solves Signal immediately and independently solves even if it doesn’t result in the aff

Mark Begich, US Senator, 10-13-2011, Congressional Documents and Publications, Lexis

The Quadrennial Energy Review Act of 2011 authorizes a high-level, government-

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efficiently meets our energy needs. This bill will help us do that.

### Solves Nuclear – A2: Certainty Key

#### Only QER solves certainty and confidence – plan can’t solve it because the market doesn’t perceive fiat

NMNP, NEW MILLENIUM NUCLEAR PARTNERSHIP, summit of Senior leaders from government, industry and non-government organizations actively participated in defining the most important and substantive issues that confront the nuclear energy industry, June 2012, “A Strategy for the Future of Nuclear Energy: The Consolidated Working Group Report”, http://content.thirdway.org/publications/540/Third\_Way\_Report\_\_A\_Strategy\_for\_the\_Future\_of\_Nuclear\_Energy.pdf

The QER should establish priorities for government-sponsored research into new nuclear technology.

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and restrain the “technology of the moment” shift in governmental priorities.

#### Only holistic national policy approach key to predictability and confidence in long term investment decisions

NMNP, NEW MILLENIUM NUCLEAR PARTNERSHIP, summit of Senior leaders from government, industry and non-government organizations actively participated in defining the most important and substantive issues that confront the nuclear energy industry, June 2012, “A Strategy for the Future of Nuclear Energy: The Consolidated Working Group Report”, http://content.thirdway.org/publications/540/Third\_Way\_Report\_\_A\_Strategy\_for\_the\_Future\_of\_Nuclear\_Energy.pdf

All of the recommendations in this report are intended to represent a multi-decade

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of industry and government work on all energy technologies, including nuclear energy.