### Off

#### a. Interpretation—Financial incentives must be targeted at energy generation

O’Brien 8, Minister of State, Department for Energy and Climate Change, UK Parliament, 11/18/’8

(Mike, “Clause 20 — Terms and conditions,” <http://www.theyworkforyou.com/debate/?id=2008-11-18b.159.3>)

I have quite a lot still to say, so I shall try to give

AND

. What is proposed will be a real feed-in tariff scheme.

#### b. Violation—R&D isn’t tied to energy production—plan is an indirect incentive

EIA 92 Energy Information Administration, Office of Energy Markets and End Use, U.S. DOE, ‘92

(“Federal Energy Subsidies: Direct and Indirect Interventions in Energy Markets,” <ftp://tonto.eia.doe.gov/service/emeu9202.pdf>)

Research and development. The budgetary cost of Government-funded research and development (

AND

energy prices and costs, and so could be considered an indirect subsidy.

#### c. Vote NEG—Tons of bidirectional mechanisms impact energy tech in ways that could increase production—Only direct financial disbursements for increased production create a predictable and manageable topic

EIA 92 Energy Information Administration, Office of Energy Markets and End Use, U.S. DOE,

(“Federal Energy Subsidies: Direct and Indirect Interventions in Energy Markets,” <ftp://tonto.eia.doe.gov/service/emeu9202.pdf>)

In some sense, most Federal policies have the potential to affect energy markets.

AND

through financial incentives, regulation, public enterprise, or research and development.

### Off

#### Text: The United States federal government should provide all necessary technical support, export licenses, and information for Integral Fast Reactors in the United Kingdoms

#### Solves case, avoids politics and solvency deficits

Pearce 12 (Fred Pearce is a freelance author and journalist based in the UK. Originally published at Yale Environment 360, “Are Fast-Breeder Reactors A Nuclear Power Panacea?”, <http://theenergycollective.com/breakthroughinstitut/99946/are-fast-breeder-reactors-nuclear-power-panacea>, August 6, 2012)

Plutonium is the nuclear nightmare. A by-product of conventional power-station

AND

S. for solving this issue." He thinks Britain's unique problem with its

stockpile of purified plutonium dioxide could break the logjam. "The UK is our

AND

costly failures researches yet another much-hyped but still theoretical new technology."

#### CP is key to UK leadership—Solves plutonium disposition

Hibbert 12 (Lee Hibbert, “Has Prism cracked the plutonium problem?”, <http://profeng.com/cover-story/has-prism-cracked-the-plutonium-problem>, July 31, 2012)

CP is key to plutonium disposition—UK developing IFRs first is key to their leadership

Experts at the Nuclear Decommissioning Authority are busy poring over a 1,000-

AND

touting the technology as a “peaceful nuclear solution to the energy crisis”.

#### That prevents extinction

Sancton 5 (Dispositioning military plutonium to promote nuclear non-proliferation Robert Sancton Security and Armed Conflict, Pax Christi International, Rue du Vieux Marché aux Grains, 21, B1000 Brussels, Belgium; [rsancton@hotmail.com](mailto:rsancton@hotmail.com) ISYP Journal on Science and World Affairs, Vol. 1, No. 2, 2005 103-112 © 2005

Nuclear proliferation includes both horizontal and vertical proliferation activities. Horizontal proliferation occurs when states

AND

or the capability to develop them, this approach does not address vertical proliferation

### Off

#### Nuclear Power is Tied up in neoliberalism – it ignores the flaws in technology in pursuit of establishing authoritarian control

Bryne and Toly 6

(Energy as a Social Project: Recovering a Discourse John Byrne and Noah Toly. http://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&cad=rja&ved=0CD8QFjAA&url=http%3A%2F%2Fwww.ceep.udel.edu%2Fenergy%2Fpublications%2F2006\_es\_energy\_as\_a\_social\_project.pdf&ei=0XTgUMr-LsfhiwL3v4AQ&v6u=https%3A%2F%2Fs-v6exp1-ds.metric.gstatic.com%2Fgen\_204%3Fip%3D131.216.14.39%26ts%3D1356887250009001%26auth%3Dcn2jbwg6yusa6h5xypni75fpweddkyp7%26rndm%3D0.03396903530835371&v6s=2&v6t=5386&usg=AFQjCNHbBdC-l9N5RyJD4IrqBUoHtozeew&sig2=6oxBM4nFuWVGQYzs4hRzpg&bvm=bv.1355534169,d.cGE)

A second mega-energy idea has been advanced since the 1950s—the nuclear

AND

surely with giant-sized fossil and nuclear energy systems in wide use.

#### That Culminates in extinction –Neolib is the root cause of all impacts

Boaventura de SousaSantos**,** Dir. of the Center for Social Studies at the Univ. of Coimbra**,** 2003

[http://bad.eserver.org/issues/2003/63/santos.html, BAD SUBJECTS, Issue #63, April, Accessed 8-24, 2005, JT]

According to Franz Hinkelammert, the West has repeatedly been under the illusion that it

AND

human suffering imposed by the real axis of evil: neoliberalism plus war.

#### The alternative is to reject the aff – This is key to break down discursive borders that reproduce exclusionary mindsets

Di Chiro 8 (Giovanna, Mount Holyoke College Massachusetts, Living environmentalisms: coalition politics, social reproduction, and environmental justice, <http://www.tandfonline.com/doi/pdf/10.1080/09644010801936230>) kc

According to the aforementioned ‘eco-morticians’ proclaiming environmentalism’s

death, the major failure of the environmental movement has been its commitment to a

AND

democratic politics in the US. Sadly, environmentalism got it all wrong.

### Off

#### CIR will pass- labor and business agreement provides momentum and bipart agreements- PC key to maintain the deal- vote in a few weeks

CSM 2/21/2013 (Behind-the-scenes deal pushes immigration reform closer to reality, http://www.csmonitor.com/USA/Politics/2013/0221/Behind-the-scenes-deal-pushes-immigration-reform-closer-to-reality)

A compromise agreement announced Thursday between the nation’s largest labor union and the top advocate

AND

a solution that is in the interest of this country we all love.”

#### Plan’s empirically unpopular

Guardian 12 (“Richard Branson Urges Obama to Back Next-Generation Nuclear Technology,” <http://www.guardian.co.uk/environment/2012/jul/20/richard-branson-obama-nuclear-technology>, Mike)

Not everyone agrees that IFRs and other "fast" reactors are safe. Japan's

AND

would actually increase the potential of weapons proliferation, rather than decrease it.

#### PC’s key

ABC News 1/25/2013 (White House, Senators to Begin Push on Immigration Reform, http://abcnews.go.com/ABC\_Univision/News/white-house-senators-begin-push-immigration-reform/story?id=18315277)

But the debate over a pathway to citizenship is expected to be contentious. Other

AND

act because nothing happens in the Capitol without people pushing from the outside."

#### CIR is key to high-skill immigration

LA Times 12 (Other countries eagerly await U.S. immigration reform, http://latimesblogs.latimes.com/world\_now/2012/11/us-immigration-reform-eagerly-awaited-by-source-countries.html)

"Comprehensive immigration reform will see expansion of skilled labor visas," predicted B.

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relationships between countries and enhances links to the global economy, Lowell said.

That’s key to innovation in medical biotech  
No and Walsh 10, both at Georgia Institute of Technology, (Yeonji and John, “ The importance of foreign-born talent for US innovation,” Nature Biotechnology 28 , 289–291, http://www.nature.com/nbt/journal/v28/n3/full/nbt0310-289.html)

As noted in a recent Nature editorial, the United States has traditionally relied heavily

AND

-average quality and making an important contribution to the US innovation system.

#### Extinction

Yu 9 (Dartmouth Undergraduate Journal of Science (Victoria, Human Extinction: The Uncertainty of Our Fate, 22 May 2009, http://dujs.dartmouth.edu/spring-2009/human-extinction-the-uncertainty-of-our-fate)

A pandemic will kill off all humans.¶ In the past, humans have indeed

AND

could only infect birds — into a human-viable strain (10).

### 1NC Competitiveness Advantage

#### 1. Key framing argument—They have ZERO evidence that IFRs are uniquely key to solving their advantages—If they win nuclear is inevitable it takes out the entire AFF

#### 2. No China Rise—evidence is a joke—It literally says China FUNDED plants—Plant construction timeframe makes the advantage terminally non-unique because the US will inevitably improve its nuclear industry before China can rise

#### 3. Nuclear leadership high now

The Hill 12 (10/25 Regulatory chief: Edge on nuclear power shifting to US, http://thehill.com/blogs/e2-wire/e2-wire/264113-nrc-chief-us-nuclear-industry-in-good-position)

U.S. nuclear innovation is on the rise as nuclear heavyweights Germany and

AND

and therefore could cost less than the “extra large” legacy models.

#### 4. IFRs kill leadership

Domenici and Miller 12 (Senator Pete V. Domenici¶ Former U.S. Senator and Bipartisan¶ Policy Center Senior Fellow¶ ENERGY PROJECT STAFF¶ Lourdes Long¶ Senior Policy Analyst¶ Warren F. “Pete” Miller, Ph.D.¶ Former Department of Energy Assistant¶ Secretary for Nuclear Energy; Maintaining U.S.¶ Leadership in¶ Global Nuclear¶ Energy Markets, http://bipartisanpolicy.org/sites/default/files/Nuclear%20Report.PDF)

At present, however, the U.S. safety and security¶ infrastructure

AND

domestic nuclear energy activities¶ could erode U.S. international standing.

#### 5. IFRs can’t solve leadership

Domenici and Miller 12 (Senator Pete V. Domenici¶ Former U.S. Senator and Bipartisan¶ Policy Center Senior Fellow¶ ENERGY PROJECT STAFF¶ Lourdes Long¶ Senior Policy Analyst¶ Warren F. “Pete” Miller, Ph.D.¶ Former Department of Energy Assistant¶ Secretary for Nuclear Energy; Maintaining U.S.¶ Leadership in¶ Global Nuclear¶ Energy Markets, http://bipartisanpolicy.org/sites/default/files/Nuclear%20Report.PDF)

Given this near-term expansion, the United States will¶ continue to be

AND

by¶ newer-generation resources (potentially including some¶ nuclear replacements).

#### 6. Plan can’t solve China rise—Constructing ONE pilot reactor is substantial enough to stop china rise—Especially true if they’ve just approved TEN reactors

#### 7. Competitiveness theory is wrong

Krugman 94 Krugman, Paul prof of econ at Princeton “Competitiveness: A Dangerous Obsession”, Foreign Affairs, 00157120, Mar/Apr94, Vol. 73, Issue 2

It was a disappointing evasion, but not a surprising one. After all,

AND

the doctrine of competitiveness to support their case with careless, flawed arithmetic.

#### 8. China is incapable of going to war – 3 reasons

Badeaux 9 (Christopher, “The Failure of the Multipolar World,” The New Ledger, The Atlantic, Badeaux was admitted to the Georgia Bar, the Bar of the Georgia Court of Appeals, the Georgia Supreme Court, the Bar for the United States District Court for the Northern District of Georgia, the Bar of the Eleventh Circuit Court of Appeals, and The Florida Bar (which includes all trial and appellate courts), and has been an attorney for several powerful firms in the Atlanta area, <http://newledger.com/2009/03/the-failure-of-the-multipolar-world/>, March 24)

While China is haltingly driving toward a bluewater navy and carrier fleet, it has

AND

defense pacts and alliances in the area is the need to counterbalance China.

#### 9. Strategic Ambiguity solves Taiwan escalation

Kastner 6 (Scott L. Kastner is an assistant professor in the Department of

AND

, Vol. 15 Issue 49 November, pg. 651-669)

On a final note, Beijing’s own serious dilemmas in dealing with the Taiwan issue

AND

Washington and Beijing to choose one cherished goal at the expense of another.

#### 10. Fear of internal dissent stops Chinese invasion of Taiwan

Marti 3 (Senior Fellow at the Center for the Study of Chinese Military Affairs at the Institute for Strategic Studies at National Defense University [Michael D., May 18, http://www.peaceforum.org.tw/onweb.jsp?webno=3333333307&webitem\_no=37, batto]

In addition to the Bush Administration's tougher stand, there is another important consideration that

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democracy (Taiwan), with which it has growing economic and cultural ties.

#### 11. Global economic ties deter Chinese attack on Taiwan

DoD Policy Paper 2 [ANNUAL REPORT ONTHE MILITARY POWER OF THE PEOPLE’S REPUBLIC OF CHINA, http://www.defenselink.mil/news/Jul2002/d20020712china.pdf,]

The PRC’s decision-making on the use of force against Taiwan will continue to

AND

of the overall security environment, especially in the Asia-Pacific region.

#### 13. Chinese threat construction assumes a knowable and essentially violent Chinese Other—this Western lens makes militarization and conflict inevitable

Pan 4, IR @ Australian National University, 04

[Chengxin, "The 'China Threat' in American Self-Imagination: The Discursive Construction of Other as Power Politics," Alternatives: Global, Local, Political, vol. 29, no. 3 (2004)”]

Having examined how the "China threat" literature is enabled by and serves the

AND

nothing seems more uncertain today than the future of post-Deng China,"

#### 14. Competitiveness discourse mobilizes populations for economic warfare

Bristow 4 Senior Lecturer in Econ. Geography @ Cardiff U

[Gillian, “Everyone’s a ‘winner,’”Journal of Economic Geography 5.3: 285-304]

Ultimately, the language of competitiveness is the language of the business community. Thus

AND

liberalism rather than a material focus on the actual improvement of economic welfare.

### 1NC Coal Advantage

#### The Coal Era has ended – Natural gas and renewables are shutting down plants

Denver Post, August 30th [2012, Coal-fired power loses to natural gas and renewable energy in the West, <http://blogs.denverpost.com/thebalancesheet/2012/08/30/coalfired-power-declines-west-natural-renewableenergy/6163/>]

Coal still powers the American West but less of it is being used as some

AND

but were put on hold because of the reduced growth in demand for electricity

#### Transition away from coal happening now – closing plants

The Examiner, August 22nd [2012, US carbon emissions are declining due to clean energy, <http://www.examiner.com/article/us-carbon-emissions-are-declining-due-to-clean-energy>]

US carbon emissions are declining due to clean energy¶ A new report that studied

AND

and renewable energy incentives and the dynamics of the current natural gas market."

#### Species extinction won't cause human extinction – humans and the environment are adaptable

Doremus 00 (Holly, Professor of Law at UC Davis Washington & Lee Law Review, Winter 57 Wash & Lee L. Rev. 11, lexis)

In recent years, this discourse frequently has taken the form of the ecological horror

AND

that a high proportion of species can be lost without precipitating a collapse.

#### Impossible to solve all pollution ever

Simon 96 (Julian, Robert H. Smith School of Business, University of Maryland, The Ultimate Resource II: People, Materials, and Environment, http://www.rhsmith.umd.edu/faculty/jsimon/Ultimate\_Resource/)

A safety-minded person might say, "With regard to pollutant X,

AND

learn how pollution ought to influence our views about population size and growth.

#### It is overhyped

Simon 96 (Julian, Robert H. Smith School of Business, University of Maryland, The Ultimate Resource II: People, Materials, and Environment, http://www.rhsmith.umd.edu/faculty/jsimon/Ultimate\_Resource/)

Perhaps there is an instinctive esthetic reaction to wastes as there seems to be to

AND

the way of rational choice on the path to the reduction of pollution.

#### SQ will decrease emissions by 80% by 2050- maintaining the transition key to solve warming and avoid peak oil impacts

Lovins 2012 (Amory, physicist, environmental scientist, writer, and Chairman/Chief Scientist of the Rocky Mountain Institute, Oxford MA, A Farewell to Fossil Fuels: Answering the Energy Challenge, Foreign Affairs, March/April, proquest)

Weaning the United States from those fossil fuels would require two big shifts: in

AND

last, Americans could make energy do their work without working their undoing.

#### Nuke power trades off with renewables, jacks *short-term* transition key to solve *peak fossil fuel*

Conolley 2011 (Heather, PhD Candidate in Political Science at UC- Santa Barbara, The Renaissance of Nuclear Energy in the Shadow of Climate Change, PhD Dissertation, proquest)

Given the long lead time associated with development and reactor ¶ construction, nuclear opponents

AND

). Thus opportunity costs for constructing nuclear reactors must be ¶ carefully considered.

#### Nuclear doesn’t trade off with coal- only provides baseload power- keeps dirty energy on the grid

Chakravorty et al 2012 (Ujjayant, Professor of Economics at Tufts University and Fellow at the Toulouse School of Economics and CESifo, Resource Use under Climate Stabilization: Can Nuclear Power Provide Clean Energy?, Journal of Public Economic Theory, Volume 14, Issue 2, pages 349–389, March 2012, DOI: 10.1111/j.1467-9779.2011.01545.x)

An important issue not modeled in the paper is the issue of base load versus

AND

the energy producer. This issue could hinder the adoption of nuclear technology.

#### No warming impact

* Recent cooling disproves climate models
* CO2 is not a pollutant – agriculture and wildlife trends prove
* Evidence is biased – scientists seeking funding
* Dissent is being quelled by warming theorists – crushes scientific inquiry

Allegre et al. 12

(Claude Allegre, former director of the Institute for the Study of the Earth

AND

/SB10001424052970204301404577171531838421366.html, accessed 5-24-12//Bosley)

There's no compelling scientific argument for drastic action to 'decarbonize' the world's economy. A

AND

, and they fiercely defended their dogma and the privileges it brought them.

### 1NC Solvency

#### 1. Key framing argument—The plan creates R&D for ONE plant—They ZERO evidence why that one plant is uniquely key to solving their advantages

#### 2. No IFRs

Bishop 12 (Robert, General Counsel of the Nuclear Energy Institute (retired), Interview on October 25, 2012, <http://www.debateandtherealworld.com/article.php?id=4>)

D+TRW: What is the current status of Integral Fast Reactors in the

AND

economic and other factors, but such incentives would provide no value now.

#### 3. Key framing argument—Construction and the R&D process takes years—There’s a huge solvency timeframe skew—DA comes first

#### 4. Now isn’t key—Their Kirsh evidence is FIVE years old—They haven’t been key since then, no reason they would be now

#### 5. Discount Kirsch— SOLELY self-publishes on his personal blog, has no peer review, and doesn’t have a single qualification

#### 6. Congressional action fails

Seidenfeld 94, Mark Associate Professor, Florida State University College of Law [80 Iowa L. Rev. 1] October

Moreover, even when the legislature means to constrain agency policy-setting tightly by

AND

will have to make trade-offs between the regulatory programs it administers.

#### 7. Congress isn’t key—They haven’t passed nuclear legislation for years, no reason why they are uniquely key now—Other actors like the NRC can solve

#### 8. Costs take out solvency and reprocessing fails

Wauchpoe 12, Independent Australian, 7-5-12

Noel, spokesperson for Women’s Electoral Lobby on nuclear issues, IA = progressive journal focusing on politics, democracy, the environment, Australian history and Australian identity “In dispraise of Integral Fast Nuclear Reactors” http://www.independentaustralia.net/2012/environment/in-dispraise-of-integral-fast-nuclear-reactors/

First of all, I always think “follow the money”. Because of various

AND

reactor is costing 1,000 times more than conventional reactors to run.

#### 9. Developing nuclear power causes war

Fuhrmann 12 (Matthew, Assistant Professor of Political Science at Texas A&M University, previously held research fellowships at Harvard and CFR, Splitting Atoms: Why Do Countries Build Nuclear Power Plants?, International Interactions: Empirical and Theoretical Research in International Relations, Volume 38, Issue 1, 2012, DOI:10.1080/03050629.2012.640209)

There may also be a more direct relationship between nuclear energy programs and violent conflict

AND

attacks against nuclear facilities are more deadly in the future (Reiter 2011).

#### 10. Meltdowns Turn—

#### a. Plan increases the risk of meltdowns

Koeble 12 (Jason, 3/30, “Expert: Nuclear Power Is On Its Deathbed”

http://www.usnews.com/news/articles/2012/03/30/expert-nuclear-power-is-on-its-deathbed)

That government backing of nuclear energy is starting to change after the Fukushima meltdown.

AND

I don't think the rest of the [proposals] are very active."

#### b. Extinction

Lendman 11 (Stephen, Research Associate of the Centre for Research on Globalization, 03/ 13, “Nuclear Meltdown in Japan,” http://www.thepeoplesvoice.org/TPV3/Voices.php/2011/03/13/nuclear-meltdown-in-japan)

Reuters said the 1995 Kobe quake caused $100 billion in damage, up to

AND

potentially millions under a worse case scenario, including far outside East Asia.