# \*\*\*\*1AC\*\*\*\*

# Plan

## The United States federal government should expand loan guarantees for small modular liquid fluoride thorium reactors in the United States.

# Advantage

## Newest and most rigorous studies conclude warming is anthropogenic – assumes alt causes

Muller, University of California-Berkeley physics professor, 12

(Richard A., former MacArthur Foundation fellow, "The Conversion of a Climate-Change Skeptic," 7-28-12, http://www.nytimes.com/2012/07/30/opinion/the-conversion-of-a-climate-change-skeptic.html?pagewanted=all, accessed 8-10-12, mtf)

Call me a converted skeptic. Three … spectrum about what can and should be done.

## Causes extinction

**Tickell, Climate researcher 2008**

(Oliver, Climate Researcher, The Gaurdian, “On a planet 4C hotter, all we can prepare for is extinction”, 8-11, http://www.guardian.co.uk/ commentisfree/2008/aug/11/ climatechange, ldg)

We need to get prepared for four degrees of global warming, …towards a similar hothouse Earth.

## SMRs are the only source that can resolve the magnitude of warming.

**Palley, London School of Economics, 11**

**(**Reese Palley, The London School of Economics, 2011, The Answer: Why Only Inherently Safe, Mini Nuclear Power Plans Can Save Our World, p. 186-90, 10/8/12, atl)

The central investigation of this book has … advancements, could be obsolete before it ever joins the grid.

## The plan results in global SMR exports—massively reduces emissions.

**Rosner, Distinguished Service Professor, Departments of Astronomy and Astrophysics, and Physics – Chicago University, 11**

(Robert e-, Senior Fellow, Computation Institute; Director, Energy Policy Institute; Enrico Fermi Institute; Harris School of Public Policy, Stephen Goldberg, Special Assistant to the Director Argonne National Laboratory, “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, 6/2/12, atl)

As stated earlier, SMRs have the … and, now rapidly emerging, China.

## Transition now is critical to allow for adaptation

**Romm, Fellow at American Progress and editor of Climate Progress, 12**

(Joe, March 1, 2012, “[Bombshell: You Can’t Slow Projected Warming With Gas, You Need ‘Rapid and Massive Deployment’ of Zero-Carbon Power](http://thinkprogress.org/climate/2012/03/01/428764/ddrop-in-warming-requires-rapid-massive-deployment039-of-zero-carbon-power-not-gas/)”, http://thinkprogress.org/climate/2012/03/01/428764/ddrop-in-warming-requires-rapid-massive-deployment039-of-zero-carbon-power-not-gas/?mobile=nc, 6/17/12, atl)

The climate fight is about the post-2040 … either — “you basically don’t get any real effect.”

## Prioritizing global warming is a prerequisite to solving inequality, racism, war, poverty and social justice

**Glick, National Coordinator of the Independent Progressive Politics Network, 04**

(Ted, January 13, 2004, “Global warming: not just another issue” <http://www.dissidentvoice.org/Jan04/Glick0113.htm>, 9/15/12, atl)

I've been in and around the environmental …democracy, peace and justice in November.

## Don’t make the perfect enemy of the good—rejection of nuclear power causes a rush to fossil fuels

**Lynch, Oxford University’s School of Geography and the Environment Visiting Research Associate, 11**

(Mark, Appointed advisor on climate change to the President of the Maldives, Longlisted for the Samuel Johnson Award for Non-Fiction, and short-listed for the Guardian First Book Award, April 10, 2011, “Why nuclear power is still a good choice”, http://articles.latimes.com/print/2011/apr/10/opinion/la-oe-lynas-nukes-20110410, 10/21/12, atl)

What a strange turn of events. Instead of ….n scare stories from the past.

## Specifically, rejection causes a flight to coal power

**Moore, co-founder of Greenpeace, 04**

(Patrick, chairman and chief scientist of Greenspirit Strategies Ltd, “Going Nuclear”, http://www.washingtonpost.com/wp-dyn/content/article/2006/04/14/AR2006041401209.html, 1/13/13, atl)

In the early 1970s when I helped found …support a move in that direction.

## Continued reliance on coal kills 13,000 people every year and spreads hazardous pollution

**Zelman, Huffington Post, 11**

(Joanna, The Huffington Post, "Power Plant Air Pollution Kills 13,000 People Per Year, Coal-Fired Are Most Hazardous: ALA Report", 3/15, www.huffingtonpost.com/2011/03/14/power-plant-air-pollution-coal-kills\_n\_833385.html, 1/13/13, atl)

The American Lung Association (ALA) ….totaled over $185 billion per year.

## Coal power represents a deliberate form of eco-racism

**Wilson, University of Massachusetts at Amherst Doctoral Student, Dept. of Economics, 12**

(Adrian e-, Jacqui Patterson, NAACP Katie Fink, NAACP Kimberly Wasserman, LVEJO Amanda Starbuck and Annie Sartor, Rainforest Action Network Judy Hatcher John Fleming, NAACP, Indigenous Environmental Network, Little Village Environmental Justice Organization, “Coal Blooded Putting Profits Before People”, http://naacp.3cdn.net/5b9898474035b7c5b3\_t4bm6iv20.pdf, 1/13/13, atl)

Communities of color have been forced to … still proved to be more significant.”3

# Solvency

## Nuclear loan guarantees drive innovation and cost efficiency

**Fertel, Nuclear Energy Institute CEO, 11**

(Marvin, September 19, 2011, “Innovative, Low-Risk Financing Vital”, http://energy.nationaljournal.com/2011/09/solyndra-bad-bet-or-tip-of-the.php, 9/16/12, atl)

We must not allow the experience of one loan … electricity to power our economy.

**Nuclear industries are able and willing – small modular reactors solve every safety issue while drastically reducing costs and construction risks**

**Martin, Pike Research editorial director, 12**

(Richard, award winning science journalist, Wired contributor, May 2012, “Superfuel: Thorium, The Green Energy Source for the Future”, Palgrave MacMillan, pg. 70-79, 9/6/12, atl)

So, if you were going to design and build a … virtues of fast breeders without the volatility.

## Simulation key to motivate responses to climate risks

**Marks et al, Center for Research on Environmental Decisions (CRED), Columbia University, 07**

(Sabine, “Communication and mental processes: experiential and analytic processing of uncertain climate information” Global Environmental Change, 17 (2007), pp. 47–58, 9/15/12, atl)

Based on the observation that experiential … of individual and group decision-making.

## Deliberative policymaking through debate is the crucial internal link to solving warming through public policy

**Isham, Middlebury College Economics Associate Professor 10**

(Jon, “The Promise of Deliberative Democracy”, <http://www.thesolutionsjournal.com/node/775>, 9/23/12, atl)

[Language modified]

Getting to 350 parts per million CO2 in the atmosphere …out deliberative polls in their decision-making process.

## Specifically true for nuclear power—policy debates are critical to galvanize support for climate policies

**Bennett et al, Third Way Vice President for Public Affairs, 07**

(Matt e-, Rob Keast, Senior policy advisor, John Dyson, Third Way Trustee, “Another Inconvenient Truth: Solving Global Warming and Energy Security Requires Nuclear Power”, http://www.thirdway.org/data/product/file/84/Third\_Way\_Nuclear\_Memo.pdf , 10/21/12, atl)

However, few in the environmental community … **from environmental advocates** to seal the deal.

## Academic debate over energy policy in the face of environmental destruction is critical to shape the direction of change and create a public consciousness shift---action now is key

**Crist, Virgina Tech Departmetn of Science and Technology professor, 2004**

(Eileen, “Against the social construction of nature and wilderness”, Environmental Ethics 26.1 <http://www.sts.vt.edu/faculty/crist/againstsocialconstruction.pdf>, DOA: 11-8-12, ldg)

Yet, constructivist analyses of "nature" favor …**pressingly calling us to change it.**

## Rationality is good and argumentation should start from empirical and political problem-solving-any alt fails and devolves into devastating relativism

**Rowland, Kansas communication professor, 1995**

(Robert, “In Defense of Rational Argument: A Pragmatic Justification of Argumentation Theory and Response to the Postmodern Critique” Philosophy & Rhetoric, 28.4, ebsco, ldg)

The first step in developing a justifiable … excesses of a purely instrumental reason.

# \*\*\*\*2AC\*\*\*\*

# Black FW

## Role-playing the government is the only way to assess state action and acquire the knowledge to challenge it

Ryan **Galloway,** University of Georgia Debate Coach, February 21, **2001**

[Debate as a Dialectic, p. <http://www.ndtceda.com/archives/200102/0588.html>]

Second, **dialectics are more persuasive …** found cold fusion! Viva le Revolution."

## Debate roleplaying specifically activates agency

**Hanghoj, University of Aarhus School of Education Assistant Professor, 08**

(Thorkild, “PLAYFUL KNOWLEDGE An Explorative Study of Educational Gaming”, PhD Dissertation Institute of Literature, Media and Cultural Studies University of Southern Denmark, 08, 10/21/12, atl)

Thus, debate games require teachers to … responsive citizens in a democratic society.

## Defending a topic that involves the state for the sake of deliberation is distinct from accepting it, and limiting out some arguments for the sake of that deliberation is a more productive discourse that solves the aff better

Talisse, Vanderbilt University Philosophy Professor, 2005

(Robert, “Deliberativist responses to activist challenges,” Philosophy & Social Criticism, 31.4, DOA: 10-26-12, ads)

These two serious activist challenges may be summarized as … thing or even ‘distorting’.

Not all discursive exclusions a…discourse cannot remedy these distortions.

## Effective deliberative discourse is the lynchpin to solving all existential social and political problems---a switch-side debate format that sets appropriate limits on argument to foster a targeted discussion is most effective- agonism turns the case

**Lundberg, UNC Chapel Hill communications professor, 10**

(Christian, Tradition of Debate in North Carolina” in Navigating Opportunity: Policy Debate in the 21st Century, pg 311-3, ldg)

The second major problem with the critique … commitment to debate at colleges and universities.

# Preempts Bad

# Stopicality

## 1. Wm- defend substantial increase to solve warming and the advantages of the 1AC

## 2. CI- Substantially

**Random House**, 200**9**

[Dictionary.com Unabridged Based on the Random House Dictionary, "Substantially," http://dictionary.reference.com/browse/substantially, mss]

sub⋅stan⋅tial [suhb-stan-shuhl]

–adjective

1. of ample or considerable amount, quantity, size, etc.: a substantial sum of money.

2. of a corporeal or material nature; tangible; real.

3. of solid character or quality; firm, stout, or strong: a substantial physique.

4. basic or essential; fundamental: two stories in substantial agreement.

5. wealthy or influential: one of the substantial men of the town.

6. of real worth, value, or effect: substantial reasons.

7. pertaining to the substance, matter, or material of a thing.

8. of or pertaining to the essence of a thing; essential, material, or important.

9. being a substance; having independent existence.

10. Philosophy. pertaining to or of the nature of substance rather than an accident or attribute.

–noun

11. something substantial.

## Substantially has many meanings- defer to context

**Gettleman**, US District Judge, 7-30-200**7**

[Robert W., UNITED STATES DISTRICT COURT FOR THE NORTHERN DISTRICT OF ILLINOIS, EASTERN DIVISION, 504 F. Supp. 2d 360; 2007 U.S. Dist. LEXIS 56606, l/n, accessed 8-1-10, mss]

Expressions such as "substantially" are used in … which interpretation should be adopted.

# Wilderson K

## Only evaluate arguments based off the plan text-any alternatives are self-serving and regressive which makes 2AC predictability and offense impossible-evaluate the consequences of the AFF and alternative because it is the only holistic way to evaluate prior questions.

## Perm do the plan and embrace endless antagonism

## Inclusion of pragmatic, reformist coalitions is the only way to make radical critiques of white supremacy politically effective---the alt alone fails and generates backlash

**Winant, UC Santa Barbara sociology professor, 1997**

(Howard, “Behind Blue Eyes: Contemporary White Racial Politics”, <http://www.soc.ucsb.edu/faculty/winant/whitness.html>, DOA: 10-13-11, ldg)

Although the differences and indeed … know how American you are" (Thompson 1995, 429).

## Their pessimistic view of racial gains becomes a self-fulfilling prophecy that turns the kritik

**Thernstrom, Harvard University Winthrop Research Professor of History, 98**

(Steven, “Black Progress: How far we've come, and how far we have to go” http://www.brookings.edu/research/articles/1998/03/spring-affirmativeaction-thernstrom, 10/18/12, atl)

Black progress over the past half-century … that further progress surely demands.

**Optimism opens up a path of best resistance and is apiori—only then can we resolve issues of difference and you should at least defer to leaving open the option of negativity**

**Moten, Duke University English and African American Studies Professor, 07**

(Fred, "black optimism/black operation", Chicago -- working text for "Black Op", PMLA, Volume 123, Number 5, October 2008, pp. 1743–1747 (5)

My field is black studies. In that field, I’m trying to hoe the … the condition of possibility of politics.

## Exploitation DA

## Their strategy objectifies black women- that turns the k- empirically manifests in brutal exploitation

Williams, 97

(Maxine, “Black Woman’s Manifesto,” 1997, Third World Women’s Alliance, da 12-21-12, <http://library.duke.edu/rubenstein/scriptorium/wlm/blkmanif/>, mee)

The myth that is being perpetrated in … as she can afford, I have no way of knowing.)

## Coalitions DA

## A) Their movement fails- identity politics increase tensions and destroy coalitions that are key to an intersectional strategy

Crenshaw, 91

(Kimberle, “Mapping the Margins: Intersectionality, Identity Politics, and Violence against Women of Color,” Stanford Law Review, Vol. 43, No. 6, July 1991, pages 1241-1242, accessed JSTOR 12-14-12, mee)

The embrace of identity politics, … women of color to a location that resists telling.

## B) Identity politics turn the kritik and means they can’t solve- instead of destroying the systems of oppression, they recreate them under another name

Crenshaw, 91

(Kimberle, “Mapping the Margins: Intersectionality, Identity Politics, and Violence against Women of Color,” Stanford Law Review, Vol. 43, No. 6, July 1991, accessed JSTOR 12-14-12, mee)

With respect to the rape of Black women, race … critiques of racist and sexist representation marginalize women of color.

## No social death – rank, revolution, and Africanisms

Brown, Harvard African American Studies Professor, ‘9

(Vincent, African Studies Professor, “Social Death and Political Life in the Study of Slavery” 12-09 <http://www.jstor.org/stable/10.1086/ahr.114.5.1231> *The Historical Review*  Vol. 114. No. 5 pp.1231-1249 accessed: 1-5-13 mlb)

THE PREMISE OF ORLANDO PATTERSON’S MAJOR … becoming ‘African American’ in culture, orientation, and identity.” 4