# CP

**Flood of new reactors overstretches NRC funds and manpower**

Weaver 7 Lynn, President Emirtus of Florida Institute of Technology, “Fund NRC Nuclear Power Licensing” <http://www.theledger.com/article/20070207/COLUMNISTS03/702070394?p=3&tc=pg>

The Nuclear Regulatory Commission has alerted several utilities that license reviews would be delayed at least a year.¶ With all the concern in Congress over global warming, … nuclear plants could be set back.

**Security concerns**

**McCormick 12**; (Dr. Colin McCormick, currently the Senior Advisor for R&D in the Office of the Under Secretary at the Department of Energy. He previously served as the Team Lead for Emerging Technologies in the Building Technologies Program of the Office of Energy Efficiency and Renewable Energy (EERE). Prior to joining the Department of Energy he was an energy and security analyst at the Federation of American Scientists, a staff member with the House Science and Technology Committee, and an AAAS Congressional Fellow on the staff of Rep. Ed Markey of Massachusetts. Dr. McCormick received his PhD in atomic and optical physics from the University of California, Berkeley, and did post-doctoral work in quantum optics at the National Institute of Standards and Technology (NIST) in the group of 1997 Physics Nobel Laureate William Phillips; Dr. McCormick reviewed, revised and approved the below text for publication. Specifically, this interview began as discussions that took place on October 17, 2012 and October 22, 2012, with questions being asked by members of GWDebate (Francisco Bencosme, Kevin Bertram, Lauren Cashmore, Paul Hayes, Joseph Nelson and Kyla Sommers). The below questions and Dr. McCormick's transcribed answers were then sent to Dr. McCormick for review, revision and approval for publication; 10/22/12; <http://debateandtherealworld.com/article.php?id=3>; JN)

 D+TRW: What would prevent the .. **security concern.**

**Turns the case---NRC credibility and safety are essential to nuclear**

Fertel 12 Marvin - Nuclear Energy Institute’s president and chief executive officer, “NRC Leadership Must Reinstate Environment That Promotes Collegial Engagement,” 6/26/2012

<http://www.nei.org/newsandevents/newsreleases/nrc-leadership-must-reinstate-environment-that-promotes-collegial-engagement>

“Safe performance of … or distraction.”

**Koplow says a single accident turns the case—governments and industry will instantly abandon nuclear. That’s true even for a small accident**

Koplow, United Nations Environment Programme's Working Group on Economic Instruments, MBA – Harvard, and Vancko, project manager – nuclear/climate @ UCS, ‘11

(Doug and Ellen, “Nuclear Power: Still Not Viable without Subsidies,” Union of Concerned Scientists, February)

Although the probability …) are likely to rise.

# Perm

**The CP is comparatively more effective than the plan---SMRs have an absolute requirement for more R&D that only government financial support solves---DOD needs an explicit strategy**

Matt Stepp et al. 11, specialist in clean energy innovation at the Information Technology and Innovation Foundation, formerly Fellow at the Breakthrough Institute, et al, May 2011, “Ten Principles for Creating a New U.S. Clean Energy Policy,” http://www.itif.org/files/2011-guiding-principles.pdf

R&D is fundamentally … next generation innovations.

# Solvency

**No solvency deficits---SMR designs aren’t close to ready for licensing, so there’s no way removing licensing restrictions can be vital to solve the case---DOD lead-role primes the pump for the industry**

Andres and Breetz 11 Richard B, Professor of National Security Strategy at the National War College and a Senior Fellow and Energy and Environmental Security and Policy Chair in the Center for Strategic Research, Institute for National Strategic Studies, at the National Defense University and Hanna L, doctoral candidate in the Department of Political Science at The Massachusetts Institute of Technology, February, "Small Nuclear Reactors for Military Installations: Capabilities, Costs, and Technological Implications", www.ndu.edu/press/lib/pdf/StrForum/SF-262.pdf

It should be emphasized that none of the …., financial, and regulatory hurdles have been adequately resolved.

**DOD investment in SMRs is uniquely likely to cause commercial spillover---even if other DOD energy initiatives generally don’t**

Daniel Sarewitz 12, Co-Director, Consortium for Science, Policy and Outcomes, Arizona State University; and Samuel Thernstrom Senior Climate Policy Advisor, Clean Air Task Force, March 2012, “Energy Innovation at the Department of Defense: Assessing the Opportunities,” p. 3

Despite the apparent potential for … national energy innovation systems.

# Links to PTX

DoD shields

Gardner 12, Tim, correspondent for Reuters “Obama seeks clean energy, pipeline funds in budget,” Feb 13th, http://www.reuters.com/article/2012/02/13/us-usa-budget-energy-idUSTRE81C17V20120213

The White House put more focus on clean energy in the DOD program as it seeks to put the Solyndra controversy behind it. Including funding for clean energy in the … and ships.

They’re insulated

Binyamin Appelbaum 12, Defense cuts would hurt scientific R%26D, experts say, The New York Times, 1-8-12, http://hamptonroads.com/2012/01/defense-cuts-would-hurt-scientific-rd-experts-say

Sarewitz, who studies the government's role in promoting innovation, said the Defense Department had been more successful than other federal …, energy costs.

**They’re politically invincible**

Maddow, 11 -- MSNBC show host, political commentator

(Rachel, Rachel Maddow Show for March 25, 2011, MSNBC, 3-25-11, l/n, accessed 9-30-12, mss)

Case in point: there is a magic word in Washington politics. The well-earned common wisdom about this word is that if you attach this special magic word to …n unquestionable in America.

**plan spun as a pro-troop**

**Merchant, 10**

(Political & Environment Columnist-Discovery, 10/21, “How the US Military Could Bring Solar Power to Mass Market,” http://www.treehugger.com/corporate-responsibility/how-the-us-military-could-bring-solar-power-to-mass-market.html)

Furthermore, **Congress …. by conservatives.**

# Chemical Industry

**Chemical industry resilient-they will bounce back from price volatility**

Mitsch,Fortune, 2/7/05 (“Reacting to Chemicals,” http://money.cnn.com/magazines/fortune/fortune\_archive/2005/02/07/8250438/index.htm)
But isn't the prospect of .. shows you that there's a shortage here.

**Chemical Industry Down- Prefer our evidence it cites the only TRUE indicator of the health of the chemical industry.**

ICIS 3-26 (“US Weekly Chemical Railcar Traffic Declines 15.0 %,” 2009 http://www.icis.com/Articles/2009/03/26/9203637/us-weekly-chemical-railcar-traffic-declines-15.0.html)

US chemical railcar … same period last year.

# 2NC Second Strike

**Second strike capability is easy to attain, stops nuclear escalation.
Waltz ’03 [Kenneth, Emeritus Professor of IR at Berkeley, *The Spread of Nuclear Weapons*, p. 24-5]**

Much of the literature on deterrence … of danger nor the question of whose will is the stronger.

# Solvency T/F

**Long time frame—takes at least 12 years before it can produce energy. Financial incentives make no sense now**

**Bishop 12** (Robert, Vice President, General Counsel and Secretary of Nuclear Management and Resources Council, Inc., a Washington, D.C.-based association that was being established by the nuclear industry to address generic technical, regulatory, and legal issues facing the nuclear energy industry. He served in comparable positions in its successor, the Nuclear Energy Institute, Inc, former Chairman of the Nuclear Law Committee, former member of the Blue Ribbon Panel established by DOE  to provide an independent assessment of the Waste Isolation Pilot Project then under construction in New Mexico. “Interview with Robert Bishop,” conducted with Kevin Bertram (GW debater) via e-mail on October 25, 2012,<http://debateandtherealworld.com/article.php?id=4>) KJS

D+TRW: What is the … no value now.

# 2NC Exports

**And – they NEED a liability regime to export – the aff doesn’t do this. This takes out ALL of their SMR business certainty arguments**

ITA’ 11 – International Trade Administration (U.S. Department of Commerce, February. Manufacturing and Services Competitiveness Report. “The Commercial Outlook for U.S. Small Modular Nuclear Reactors.” http://trade.gov/mas/ian/build/groups/public/@tg\_ian/@nuclear/documents/webcontent/tg\_ian\_003185.pdf)

Nuclear liability is a … export program

Process is too complicated

**ITA**, U.S. Department of Commerce International Trade Administration, February **‘11**

(“The Commercial Outlook for U.S. Small Modular Nuclear Reactors,” [http://trade.gov/mas/ian/build/groups/public/@tg\_ian/@nuclear/documents/webcontent/tg\_ian\_003185.pdf](http://trade.gov/mas/ian/build/groups/public/%40tg_ian/%40nuclear/documents/webcontent/tg_ian_003185.pdf))

Generally, SMR vendors say … companies with this process.8

# 2NC Commercialization

Prefer our ev—even if a few plants get built, commercialization requires tons of construction—that’s a massive barrier to sufficiency

**Feinstein**, (D-Cali), Chairwoman – Subcommittee on Energy and Water Development, 6/14/**’11**

(Dianne, “ECONOMICS AND SAFETY OF MODULAR REACTORS; COMMITTEE: SENATE APPROPRIATIONS; SUBCOMMITTEE: ENERGY AND WATER DEVELOPMENT,” CQ Congressional Testimony)

The central premise I've … on this particular issue.

# Acc

**Links to accidents DA**

**McCormick 12**; (Dr. Colin McCormick, currently the Senior Advisor for R&D in the Office of the Under Secretary at the Department of Energy. He previously served as the Team Lead for Emerging Technologies in the Building Technologies Program of the Office of Energy Efficiency and Renewable Energy (EERE). Prior to joining the Department of Energy he was an energy and security analyst at the Federation of American Scientists, a staff member with the House Science and Technology Committee, and an AAAS Congressional Fellow on the staff of Rep. Ed Markey of Massachusetts. Dr. McCormick received his PhD in atomic and optical physics from the University of California, Berkeley, and did post-doctoral work in quantum optics at the National Institute of Standards and Technology (NIST) in the group of 1997 Physics Nobel Laureate William Phillips; Dr. McCormick reviewed, revised and approved the below text for publication. Specifically, this interview began as discussions that took place on October 17, 2012 and October 22, 2012, with questions being asked by members of GWDebate (Francisco Bencosme, Kevin Bertram, Lauren Cashmore, Paul Hayes, Joseph Nelson and Kyla Sommers). The below questions and Dr. McCormick's transcribed answers were then sent to Dr. McCormick for review, revision and approval for publication; 10/22/12; <http://debateandtherealworld.com/article.php?id=3>; JN)

 D+TRW: What steps might be taken … development or other regulated technology development.

# Russia

**Russia solves the impact**

**Economist 10** (The Economist, 10-9-10, “Mini nuclear reactors: thinking small,” <http://www.economist.com/node/17647651?story_id=17647651&fsrc=rss>)

A **global race** is under … **nuclear industry**.

**T/Econ—investment**

**Mandel 12** Syracuse Business News Examiner

(Harold, Fitch says fiscal cliff could set off global recession, <http://www.examiner.com/article/fitch-says-fiscal-cliff-could-set-off-global-recession>)

Money News has reported … could be bad news for everyone.

#### turns price spikes - Wars with exporting countries would also cause protectionist trade policies withholding commodities like natural gas.

**The timeframe is a matter of weeks.**

**Craig 9/24**/12 Fox News Business Writer

(Victoria, “Fiscal Pitfalls Hinge on Gridlocked Congress” <http://www.foxbusiness.com/government/2012/09/20/fiscal-pitfalls-hinge-on-gridlocked-congress/>)

A fix for the national economy is … down to politics.

**It prevents nuclear plant construction.**

**Carbon Control News 8**

(October 10th, 2008)

For instance, the nuclear …Brothers investment firm

**1nc hunter evidence indicates a sequestration would invite extremism – that’s extinction**

#### extinction

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

A terrorist nuclear attack, and even the use of …the chances of nuclear restraint.

**Hunter also says nook belligerence – extinction**

**Hayes & Hamel-Green, 10** – \*Executive Director of the Nautilus Institute for Security and Sustainable Development, AND \*\* Executive Dean of the Faculty of Arts, Education and Human Development act Victoria University (1/5/10, Executive Dean at Victoria, “The Path Not Taken, the Way Still Open: Denuclearizing the Korean Peninsula and Northeast Asia,” http://www.nautilus.org/fora/security/10001HayesHamalGreen.pdf)

The international community … international community.

**Prefer our uniqueness—assumes Obama investing capital**

Atkins, 11/8

(Columnist-Boston Herald, “Prez returns to D.C. with more clout,” http://bostonherald.com/news/columnists/view/20221108prez\_returns\_to\_dc\_with\_more\_clout)

WASHINGTON — When …power to push back**.**

**Political capital is a game-changer—allows Obama to overcome GOP opposition**

Fraser, 11/8

(Master's degree in Political Economy from The New School for Social Research, He has worked with The Clinton Foundation, The Council on Foreign Relations, and written for publications mainly on finance, politics and music, “Should We Get Ready For 4 More Years of Ridiculous Obama vs GOP Obstructionism,” http://www.policymic.com/articles/18841/should-we-get-ready-for-4-more-years-of-ridiculous-obama-vs-gop-obstructionism

President **Obama** indeed **…** candidate in 2016

**Framing issue --- political capital controls uniqueness**

**Hirschfeld, 11-8** (Julie Hirschfeld Davis is an enterprise reporter in the Washington bureau of The Associated Press and Mike Dorning reporter for Bloomberg News 11-8-2012 <http://www.bloomberg.com/news/2012-11-08/obama-success-on-fiscal-cliff-may-hinge-on-better-congress-ties.html>

President [Barack Obama](http://topics.bloomberg.com/barack-obama/), his … you do that,” Griffin said.

**Will pass---Obama has momentum and the upper-hand**

Cohen 11/9 Tom is a writer for CNN. “Obama calls on House to pass tax hikes for wealthy,” 2012, http://www.cnn.com/2012/11/09/politics/obama-fiscal-cliff/index.html?utm\_source=feedburner&utm\_medium=feed&utm\_campaign=Feed%3A+rss%2Fcnn\_allpolitics+%28RSS%3A+Politics%29&utm\_content=Google+Reader

Washington (CNN) -- Flush with **…** the "grand bargain" that eluded them last year.

Winners win not true for Obama on energy policy

Matthew N. Eisler, Research Fellow at the Center for Contemporary History and Policy at the Chemical Heritage Foundation, 12 [“Science, Silver Buckshot, and ‘All of The Above’” Science Progress, April 2, http://scienceprogress.org/2012/04/science-silver-buckshot-and-%E2%80%9Call-of-the-above%E2%80%9D/]

Conservatives take President … of inaction and increased resort to cant.

**Winners lose—the newest evidence goes neg**

**Bouie 12/1** (Jamelle, fellow at the American Prospect, “Ignoring the Obama Presidency,” <http://prospect.org/article/ignoring-obama-presidency>, AM)

Among liberals, and most … president’s political courage.

**More evidence**

**Purdum, 12/20** – Award winning journalist who spent 23 years with the NY Times (12/20/10, Todd S., Vanity Affair, “Obama Is Suffering Because of His Achievements, Not Despite Them,” http://www.vanityfair.com/online/daily/2010/12/obama-is-suffering-because-of-his-achievements-not-despite-them.html)

With this weekend’s decisive …, to the American public.

#### Spurs controversy

Jill Graham, States News Service, 1991, Pa., 15 other states, challenging federal nuclear waste disposal policy, Lexis

The state and 15 others … of congressional hearings and legislation this year.

#### The NRC is highly politicized and scrutinized by Congress

Energy and Commerce Committee 7/17 Energy and Commerce Committee of the U.S. House of Representatives. “NRC Commissioners Set to Testify Next Tuesday,” 2012, http://energycommerce.house.gov/press-release/nrc-commissioners-set-testify-next-tuesday

Since the start of the 112th Congress, the … doesn't repeat itself.

#### SMR debates are polarizing

Carper and Schmid 11 Ross Carper (rosscarper@gmail.com), a writer based in Washington state, is the founding editor of the creative nonfiction project BeyondtheBracelet.com. Sonja Schmid (sschmid@vt.edu) is an assistant professor in Science and Technology Studies at Virginia Tech. “The Little Reactor That Could?” Issues in Science and Technology, http://www.issues.org/27.4/carper.html

Historically, nuclear energy … for example, should not be off limits, just because information about them has traditionally been classified.

#### Passing new programs during the lame duck independently triggers the link

Miniter 12 Richard Miniter is an investigative journalist and author of three New York Times best-selling books. “Leading from Behind: The Reluctant President and the Advisors Who Decide for Him,” Google Books

After the historic defeat, Axelrod went … any more political risks.

**Obama is key**

**Kalab 11/8**/12 Shorenstein Center's Founding Director, Edward R. Murrow Professor of Press and Public Policy at Harvard, Scholar in Foreign Policy – Brookings

(Marvin, An Overture to Romney, <http://www.brookings.edu/blogs/up-front/posts/2012/11/08-romney-kalb>)

Conservative critics, gloomy …. The stage, in fact, is set.

**Plan costs capital.**

**Schmid 11** Assistant professor in Science and Technology Studies at Virginia Tech

Ross Carper (rosscarper@gmail.com), a writer based in Washington state, is the founding editor of the creative nonfiction project BeyondtheBracelet.com. Sonja Schmid (sschmid@vt.edu) is an assistant professor in Science and Technology Studies at Virginia Tech. “The Little Reactor That Could?” Issues in Science and Technology, http://www.issues.org/27.4/carper.html

Historically, nuclear … traditionally been classified.

**Their wind thumper concludes neg –**

**Indicates the wind PTC will come, but “**supporters and detractors of the policy, which will expire at year’s end unless both chambers vote to renew it, acknowledge that the tax credit’s fate hinges less on its own particular merit and more on how successful lawmakers are at striking a deal to extend a wide range of tax extenders.”