

To: Leeds, NRC  
Ref. LTR-12-0751

Remsburg, Kristy

**From:** katodpa@yahoo.com  
**Sent:** Friday, April 26, 2013 11:20 PM  
**To:** NRCExecSec Resource; iclimb@knology.net; best@matrr.org;  
president@messages.whitehouse.gov; the.secretary@hq.doe.gov;  
Kathleen.Sebelius@hhs.gov; feedback@llis.dhs.gov; jackson.lisap@epa.gov;  
dndo.info@dhs.gov  
**Subject:** Letter To The NRC

cy: Merzke  
OEDO

The letter was sent by .

K. O'Donohue .  
P.O. Box 578 .  
Huntsville .  
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35804 .  
katodpa@yahoo.com .

Nuclear Regulatory Commission  
NRC Commissioners  
Chairman Allison M. MacFarlane  
Kristine L. Svinicki  
William D. Magwood, IV  
Washington, D.C. 20555-0001  
NRCExecSec@nrc.gov

George Apostolakis  
William C. Ostendorff

Re: The health, safety, and security of the American people

Dear NRC Commissioners,

We call on the NRC to protect the health and safety of U.S. citizens from the dangers of radioactive poisons. The extremely serious and very long range problem of 'spent' fuel radioactive waste neutralization (or even safe storage) has not been solved after 55 years of intensive research, yet utility companies continue to generate massive radioactive waste piles at nuclear power plants across this country - radioactive trash that will remain toxic for 100,000 years. It is time to admit that the experiment of commercial nuclear fission has failed, simply because the inordinate amount of long-term, unmanageable toxic waste does not justify the cost to our people or environment. We call on you to focus now on the safety of existing nuclear plants, on decommissioning, on the safe storage of radionuclide wastes, and on alerting the public to radioactive health threats in their environment. We also call on the Nuclear Regulatory Commission to definitively reject all new license requests or license renewals for commercial nuclear reactors.

One in three Americans now lives within the 50 mile danger zone of a nuclear power plant [1] - plants that are vulnerable to earthquakes, tsunamis, hurricanes, tornadoes, floods, fires, containment metal-fatigue, loss of coolant backup power, and/or terrorist attacks. Fukushima Daiichi was a three-fold disaster - two were natural disasters, but the nuclear disaster was man-made and therefore preventable. How many disasters do you require before a reasonable

overall program is implemented to prevent a commercial nuclear disaster in the U.S.? We think the only method of prevention is to shut down and decommission the plants and to store the accumulated radionuclide waste using the safest means possible. Energy Efficiency and Renewables are now both adequate and less expensive than nuclear. The safety of the American people should not be sacrificed to commercial nuclear power contractors [2,3] - if you indeed accept the NRC mission to protect the health and safety of the American people,[4,5] to help provide for common defense and security,[6,7] and to protect the environment from the dangers of civilian, commercial radiation. [8]

Radiation poisoning is invisible and insidious, but it does not need to be. We think all radioactive emissions should be reported to the public as airborne health hazards (like pollen reports), and that these toxic emissions should be required to have bright distinctive dye markers - so that we can see where they fall on our cars, lawns, homes, pets and children, as well as in our water. It would be no different than requirements for odor markers for natural gas and propane, and could save the lives of our children - especially in the event of a nuclear accident or malicious attack. These radioactive emissions are being released somewhere in the U.S. on a daily basis - from nuclear power plants, nuclear fuel manufacturing and storage facilities, and nuclear fuel railway and highway transports, as well as nuclear weapons facilities. The American people deserve to know when they are being exposed to carcinogenic and DNA-altering poisons. [9,10]

Some may argue that routine radioactive releases are generally small amounts, but numerous studies show that even low dose radiation is dangerous - especially to women, children and unborn fetuses. Radionuclides are extremely toxic and there is no safe dose of radiation; therefore, the public should be alerted to its presence. Multiple definitive studies show there is no threshold to the biological effect of radiation on human cells and DNA.[11] Some people have greater immunity than others, but the risk exists for the public as a whole. It is your duty to protect us, and accurate information about public health threats is the first line of defense.

We call on the NRC to create the following new regulations and procedures to protect U.S. citizens:

- 1. Require distinctive visual dye-markers (like natural gas and propane odor markers), so that all radionuclide emission releases become readily identifiable as such, in order to protect the public from this very real public health danger.
- 2. Require that the public be alerted via news reports (like pollen alerts) to each release of radiation from venting, fuel transfers, or any other accidental, intentional or incidental release of radionuclide emissions into our air, land, and/or water.
- 3. Require that all radioactive trash be stored using the safest known technologies. Currently, for commercial nuclear power plants, the safest means of protecting the public from these radioactive poisons is to move so-called 'spent' fuel rods from cooling pools (after 5 years) to storage in hardened on-site dry-cask storage (HOSS) facilities. [12]
- 4. Resolve to not grant any more commercial reactor licenses, either for new or renewed/extended operation. In order to stop creating more radioactive poisons at nuclear power plants, the NRC needs to stop providing nuclear power plant contractors with new and/or renewed nuclear reactor licenses (like Germany has done).

Thank you for your service to our country and your careful consideration of our concerns.

Respectfully,

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Blue Ridge Environmental Defense League  
Neighborhood Environment Watch  
Tennessee Environmental Council Mountain Justice  
Deep Green Resistance  
Safe Alternatives for Future Energy Carolinas  
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Citizens to End Nuclear Dumping in Tennessee  
Nuclear Watch South  
Concerned Citizens of Shell Bluff  
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CC: President Barack Obama, Energy Secretary Steven Chu, Health Secretary Kathleen Sebelius, Homeland Security Secretary Janet Napolitano, Environment Administrator Lisa P. Jackson, Domestic Nuclear Detection Office

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Remsburg, Kristy

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**From:** christianrouse@gmail.com  
**Sent:** Wednesday, May 08, 2013 5:05 PM  
**To:** NRCExecSec Resource; iclimb@knology.net; best@matr.org;  
president@messages.whitehouse.gov; the.secretary@hq.doe.gov;  
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dndo.info@dhs.gov  
**Subject:** Letter To The NRC

The letter was sent by .

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christianrouse@gmail.com .

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Re: The health, safety, and security of the American people

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## NRCExecSec Resource

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**Sent:** Thursday, June 06, 2013 6:04 PM  
**To:** NRCExecSec Resource; iclimb@knology.net; best@matrr.org; president@messages.whitehouse.gov; the.secretary@hq.doe.gov; Kathleen.Sebelius@hhs.gov; feedback@llis.dhs.gov; jackson.lisap@epa.gov; dndo.info@dhs.gov  
**Subject:** Letter To The NRC

The letter was sent by .

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and

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Bellefonte Efficiency & Sustainability Team

Blue Ridge Environmental Defense League

Neighborhood Environment Watch

Tennessee Environmental Council Mountain Justice

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Safe Alternatives for Future Energy Carolin

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Citizens to End Nuclear Dumping in Tennessee

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CC: President Barack Obama, Energy Secretary Steven Chu, Health Secretary Kathleen Sebelius, Homeland Security Secretary Janet Napolitano, Environment Administrator Lisa P. Jackson, Domestic Nuclear Detection Office

[1] Bill Dedman, MSNBC Investigative Reporter, "Population Rises Near U.S. Nuclear Reactors," MSNBC April 14, 2011, [http://www.msnbc.msn.com/id/42555888/ns/us\\_news-life/#](http://www.msnbc.msn.com/id/42555888/ns/us_news-life/#)

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## NRCExecSec Resource

---

**From:** priscillaastar@hotmail.com  
**Sent:** Thursday, June 06, 2013 8:40 PM  
**To:** NRCExecSec Resource; iclimb@knology.net; best@matrr.org;  
president@messages.whitehouse.gov; the.secretary@hq.doe.gov;  
Kathleen.Sebelius@hhs.gov; feedback@llis.dhs.gov; jackson.lisap@epa.gov;  
dndo.info@dhs.gov  
**Subject:** Letter To The NRC

The letter was sent by .

Priscilla Star .  
115 Startop Drive .  
Montauk .  
NY .  
11954 .  
priscillaastar@hotmail.com .

Nuclear Regulatory Commission  
NRC Commissioners  
Chairman Allison M. MacFarlane  
Kristine L. Svinicki  
William D. Magwood, IV  
Washington, D.C. 20555-0001  
NRCExecSec@nrc.gov

George Apostolakis  
William C. Ostendorff

Re: The health, safety, and security of the American people

Dear NRC Commissioners,

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## NRCExecSec Resource

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**From:** mccune@prizm.org  
**Sent:** Thursday, June 06, 2013 8:52 PM  
**To:** NRCExecSec Resource; iclimb@knology.net; best@matrr.org; president@messages.whitehouse.gov; the.secretary@hq.doe.gov; Kathleen.Sebelius@hhs.gov; feedback@llis.dhs.gov; jackson.lisap@epa.gov; dndo.info@dhs.gov  
**Subject:** Letter To The NRC

The letter was sent by .

chuck mccune .  
po box 12302 .  
albuquerque .  
New Mexico .  
87195 .  
mccune@prizm.org .

Nuclear Regulatory Commission  
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Chairman Allison M. MacFarlane  
Kristine L. Svinicki  
William D. Magwood, IV  
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## NRCExecSec Resource

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**From:** r\_cherwink@comcast.net  
**Sent:** Thursday, June 06, 2013 9:45 PM  
**To:** NRCExecSec Resource; iclimb@knology.net; best@matrr.org;  
president@messages.whitehouse.gov; the.secretary@hq.doe.gov;  
Kathleen.Sebelius@hhs.gov; feedback@llis.dhs.gov; jackson.lisap@epa.gov;  
dndo.info@dhs.gov  
**Subject:** Letter To The NRC

The letter was sent by .

Robert Cherwink .

528 Joaquin Drive .

Sonoma .

CA .

95476 .

r\_cherwink@comcast.net .

Nuclear Regulatory Commission  
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Chairman Allison M. MacFarlane  
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Washington, D.C. 20555-0001  
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[4] National Research Council, Committee to Assess Health Risks from Exposure to Low Levels of Ionizing Radiation, Beir VII Phase 2: Health Risks from Exposure to Low Level Ionizing Radiation, National Academies Press, 2006. [http://books.nap.edu/catalog.php?record\\_id=11340](http://books.nap.edu/catalog.php?record_id=11340)

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[6] GAO, Cybersecurity: Challenges in Securing the Electricity Grid, Gregory C. Wilshusen, Director Information Security Issues, Testimony before the Committee on Energy and Natural Resources, U.S. Senate, July 17, 2012. <http://www.gao.gov/assets/600/592508.pdf>

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## NRCExecSec Resource

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**From:** annecurtis@comcast.net  
**Sent:** Thursday, June 06, 2013 9:47 PM  
**To:** NRCExecSec Resource; iclimb@knology.net; best@matrr.org; president@messages.whitehouse.gov; the.secretary@hq.doe.gov; Kathleen.Sebelius@hhs.gov; feedback@llis.dhs.gov; jackson.lisap@epa.gov; dndo.info@dhs.gov  
**Subject:** Letter To The NRC

The letter was sent by .

Anne Curtis .  
4 Brookwood Drive .  
Chattanooga .  
Tn .  
37411 .  
annecurtis@comcast.net .

Nuclear Regulatory Commission  
NRC Commissioners  
Chairman Allison M. MacFarlane  
Kristine L. Svinicki  
William D. Magwood, IV  
Washington, D.C. 20555-0001  
NRCExecSec@nrc.gov

George Apostolakis  
William C. Ostendorff

Re: The health, safety, and security of the American people

Dear NRC Commissioners,

I want to add my voice to these groups who call on the NRC to protect the health and safety of U.S. citizens from the dangers of radioactive poisons. The extremely serious and very long range problem of 'spent' fuel radioactive waste neutralization (or even safe storage) has not been solved after 55 years of intensive research, yet utility companies continue to generate massive radioactive waste piles at nuclear power plants across this country – radioactive trash that will remain toxic for 100,000 years. It is time to admit that the experiment of commercial nuclear fission has failed, simply because the inordinate amount of long- term, unmanageable toxic waste does not justify the cost to our people or environment. We call on you to focus now on the safety of existing nuclear plants, on decommissioning, on the safe storage of radionuclide wastes, and on alerting the public to radioactive health threats in their environment. We also call on the Nuclear Regulatory Commission to definitively reject all new license requests or license renewals for commercial nuclear reactors.

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Radiation poisoning is invisible and insidious, but it does not need to be. We think all radioactive emissions should be reported to the public as airborne health hazards (like pollen reports), and that these toxic emissions should be required to have bright distinctive dye markers - so that we can see where they fall on our cars, lawns, homes, pets and children, as well as in our water. It would be no different than requirements for odor markers for natural gas and propane, and could save the lives of our children – especially in the event of a nuclear accident or malicious attack. These radioactive emissions are being released somewhere in the U.S. on a daily basis – from nuclear power plants, nuclear fuel manufacturing and storage facilities, and nuclear fuel railway and highway transports, as well as nuclear weapons facilities. The American people deserve to know when they are being exposed to carcinogenic and DNA-altering poisons. [9,10]

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- 4. Resolve to not grant any more commercial reactor licenses, either for new or renewed/ extended operation. In order to stop creating more radioactive poisons at nuclear power plants, the NRC needs to stop providing nuclear power plant contractors with new and/or renewed nuclear reactor licenses (like Germany has done).

Thank you for your service to our country and your careful consideration of our concerns.

Respectfully,

and

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Bellefonte Efficiency & Sustainability Team

Blue Ridge Environmental Defense League

Neighborhood Environment Watch

Tennessee Environmental Council Mountain Justice

Deep Green Resistance

Safe Alternatives for Future Energy Carolin

Nukewatch

Citizens to End Nuclear Dumping in Tennessee

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CC: President Barack Obama, Energy Secretary Steven Chu, Health Secretary Kathleen Sebelius, Homeland Security Secretary Janet Napolitano, Environment Administrator Lisa P. Jackson, Domestic Nuclear Detection Office

[1] Bill Dedman, MSNBC Investigative Reporter, "Population Rises Near U.S. Nuclear Reactors," MSNBC April 14, 2011, [http://www.msnbc.msn.com/id/42555888/ns/us\\_news-life/#](http://www.msnbc.msn.com/id/42555888/ns/us_news-life/#)

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## NRCExecSec Resource

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**From:** BruceEggum@gmail.com  
**Sent:** Thursday, June 06, 2013 11:13 PM  
**To:** NRCExecSec Resource; iclimb@knology.net; best@matrr.org; president@messages.whitehouse.gov; the.secretary@hq.doe.gov; Kathleen.Sebelius@hhs.gov; feedback@llis.dhs.gov; jackson.lisap@epa.gov; dndo.info@dhs.gov  
**Subject:** Letter To The NRC

The letter was sent by .

Bruce Eggum .

N7993 Huntington Rd .

WI .

Wisconsin .

54128 .

BruceEggum@gmail.com .

Nuclear Regulatory Commission  
NRC Commissioners  
Chairman Allison M. MacFarlane  
Kristine L. Svinicki  
William D. Magwood, IV  
Washington, D.C. 20555-0001  
NRCExecSec@nrc.gov

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William C. Ostendorff

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CC: President Barack Obama, Energy Secretary Steven Chu, Health Secretary Kathleen Sebelius, Homeland Security Secretary Janet Napolitano, Environment Administrator Lisa P. Jackson, Domestic Nuclear Detection Office

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## NRCExecSec Resource

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**From:** amynammack@yahoo.com  
**Sent:** Friday, June 07, 2013 8:22 AM  
**To:** NRCExecSec Resource; iclimb@knology.net; best@matrr.org; president@messages.whitehouse.gov; the.secretary@hq.doe.gov; Kathleen.Sebelius@hhs.gov; feedback@llis.dhs.gov; jackson.lisap@epa.gov; dndo.info@dhs.gov  
**Subject:** Letter To The NRC

The letter was sent by .

Amy Nammack-Weiss .  
600 Hollow Court .  
Chapel Hill .  
NC .  
27516 .  
amynammack@yahoo.com .

Nuclear Regulatory Commission  
NRC Commissioners  
Chairman Allison M. MacFarlane  
Kristine L. Svinicki  
William D. Magwood, IV  
Washington, D.C. 20555-0001  
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- [12] Robert Alvarez, "Improving Spent Fuel Storage at Nuclear Reactors," *Issues in Science & Technology*, magazine of the National Academy of Sciences, Winter 2012. <http://www.issues.org/28.2/alvarez.html>



## NRCExecSec Resource

---

**From:** carolkurz@comcast.net  
**Sent:** Friday, June 07, 2013 8:48 AM  
**To:** NRCExecSec Resource; iclimb@knology.net; best@matrr.org; president@messages.whitehouse.gov; the.secretary@hq.doe.gov; Kathleen.Sebelius@hhs.gov; feedback@llis.dhs.gov; jackson.lisap@epa.gov; dndo.info@dhs.gov  
**Subject:** Letter To The NRC

The letter was sent by .

Carol Kurz .  
2025 Sherman Ave ,#306 .  
Evanston .  
IL .  
60201 .  
carolkurz@comcast.net .

Nuclear Regulatory Commission  
NRC Commissioners  
Chairman Allison M. MacFarlane  
Kristine L. Svinicki  
William D. Magwood, IV  
Washington, D.C. 20555-0001  
NRCExecSec@nrc.gov

George Apostolakis  
William C. Ostendorff

Re: The health, safety, and security of the American people

Dear NRC Commissioners,

I want to add my voice to these groups who call on the NRC to protect the health and safety of U.S. citizens from the dangers of radioactive poisons. The extremely serious and very long range problem of 'spent' fuel radioactive waste neutralization (or even safe storage) has not been solved after 55 years of intensive research, yet utility companies continue to generate massive radioactive waste piles at nuclear power plants across this country – radioactive trash that will remain toxic for 100,000 years. It is time to admit that the experiment of commercial nuclear fission has failed, simply because the inordinate amount of long- term, unmanageable toxic waste does not justify the cost to our people or environment. We call on you to focus now on the safety of existing nuclear plants, on decommissioning, on the safe storage of radionuclide wastes, and on alerting the public to radioactive health threats in their environment. We also call on the Nuclear Regulatory Commission to definitively reject all new license requests or license renewals for commercial nuclear reactors.

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Radiation poisoning is invisible and insidious, but it does not need to be. We think all radioactive emissions should be reported to the public as airborne health hazards (like pollen reports), and that these toxic emissions should be required to have bright distinctive dye markers - so that we can see where they fall on our cars, lawns, homes, pets and children, as well as in our water. It would be no different than requirements for odor markers for natural gas and propane, and could save the lives of our children – especially in the event of a nuclear accident or malicious attack. These radioactive emissions are being released somewhere in the U.S. on a daily basis – from nuclear power plants, nuclear fuel manufacturing and storage facilities, and nuclear fuel railway and highway transports, as well as nuclear weapons facilities. The American people deserve to know when they are being exposed to carcinogenic and DNA-altering poisons. [9,10]

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Thank you for your service to our country and your careful consideration of our concerns.

Respectfully,

and

Mothers Against Tennessee River Radiation

Bellefonte Efficiency & Sustainability Team  
Blue Ridge Environmental Defense League  
Neighborhood Environment Watch  
Tennessee Environmental Council Mountain Justice  
Deep Green Resistance  
Safe Alternatives for Future Energy Carolin  
Nukewatch  
Citizens to End Nuclear Dumping in Tennessee  
Nuclear Watch South  
Concerned Citizens of Shell Bluff  
People Against A Radioactive Chesapeake

CC: President Barack Obama, Energy Secretary Steven Chu, Health Secretary Kathleen Sebelius, Homeland Security Secretary Janet Napolitano, Environment Administrator Lisa P. Jackson, Domestic Nuclear Detection Office

[1] Bill Dedman, MSNBC Investigative Reporter, "Population Rises Near U.S. Nuclear Reactors," MSNBC April 14, 2011, [http://www.msnbc.msn.com/id/42555888/ns/us\\_news-life/#](http://www.msnbc.msn.com/id/42555888/ns/us_news-life/#)

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[3] David Lochbaum, Edwin Lyman, U.S. Nuclear Power Safety One Year After Fukushima, Union of Concerned Scientists, March 2012. [http://www.ucsusa.org/assets/documents/nuclear\\_power/fukushima-anniversary-report-3-5-12.pdf](http://www.ucsusa.org/assets/documents/nuclear_power/fukushima-anniversary-report-3-5-12.pdf)

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[6] GAO, Cybersecurity: Challenges in Securing the Electricity Grid, Gregory C. Wilshusen, Director Information Security Issues, Testimony before the Committee on Energy and Natural Resources, U.S. Senate, July 17, 2012. <http://www.gao.gov/assets/600/592508.pdf>

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## **NRCExecSec Resource**

---

**From:** lightbluewingedfairy@gmail.com  
**Sent:** Saturday, June 08, 2013 6:21 AM  
**To:** NRCExecSec Resource; iclimb@knology.net; best@matrr.org;  
president@messages.whitehouse.gov; the.secretary@hq.doe.gov;  
Kathleen.Sebelius@hhs.gov; feedback@llis.dhs.gov; jackson.lisap@epa.gov;  
dndo.info@dhs.gov  
**Subject:** Letter To The NRC

The letter was sent by .

Ruby Kobayashi .  
5 Upwey House .  
Hoxton .  
London .  
N1 5PT .  
lightbluewingedfairy@gmail.com .

Nuclear Regulatory Commission  
NRC Commissioners  
Chairman Allison M. MacFarlane  
Kristine L. Svinicki  
William D. Magwood, IV  
Washington, D.C. 20555-0001  
NRCExecSec@nrc.gov

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Respectfully,

and

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Blue Ridge Environmental Defense League

Neighborhood Environment Watch

Tennessee Environmental Council Mountain Justice

Deep Green Resistance

Safe Alternatives for Future Energy Carolin

Nukewatch

Citizens to End Nuclear Dumping in Tennessee

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[1] Bill Dedman, MSNBC Investigative Reporter, "Population Rises Near U.S. Nuclear Reactors," MSNBC April 14, 2011, [http://www.msnbc.msn.com/id/42555888/ns/us\\_news-life/#](http://www.msnbc.msn.com/id/42555888/ns/us_news-life/#)

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## NRCExecSec Resource

---

**From:** plindbladc@comcast.net  
**Sent:** Saturday, June 08, 2013 5:23 AM  
**To:** NRCExecSec Resource; iclimb@knology.net; best@matrr.org;  
president@messages.whitehouse.gov; the.secretary@hq.doe.gov;  
Kathleen.Sebelius@hhs.gov; feedback@llis.dhs.gov; jackson.lisap@epa.gov;  
dndo.info@dhs.gov  
**Subject:** Letter To The NRC

The letter was sent by .

Paul Lindblad .  
1861 maple .  
des plaines .  
illinois .  
60018 .  
plindbladc@comcast.net .

Nuclear Regulatory Commission  
NRC Commissioners  
Chairman Allison M. MacFarlane  
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Concerned Citizens of Shell Bluff  
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CC: President Barack Obama, Energy Secretary Steven Chu, Health Secretary Kathleen Sebelius, Homeland Security Secretary Janet Napolitano, Environment Administrator Lisa P. Jackson, Domestic Nuclear Detection Office

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## Remsburg, Kristy

---

**From:** Alice Jones <jo320@mindspring.com>  
**Sent:** Friday, July 05, 2013 3:59 PM  
**To:** NRCExecSec Resource  
**Cc:** best@matrr.org  
**Subject:** Request for actions to protect the American citizens from nuclear radiation

**Importance:** High

Nuclear Regulatory Commission NRC Commissioners  
Chairman Allison M. MacFarlane  
Kristine L. Svinicki            George Apostolakis  
William D. Magwood, IV      William C. Ostendorff  
Washington, D.C. 20555-0001  
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Dear NRC Commissioners,

I want to add my voice to these groups who call on the NRC to protect the health and safety of U.S. citizens from the dangers of radioactive poisons. The extremely serious and very long range problem of 'spent' fuel radioactive waste neutralization (or even safe storage) has not been solved after 55 years of intensive research, yet utility companies continue to generate massive radioactive waste piles at nuclear power plants across this country – radioactive trash that will remain toxic for 100,000 years. It is time to admit that the experiment of commercial nuclear fission has failed, simply because the inordinate amount of long- term, unmanageable toxic waste does not justify the cost to our people or environment. We call on you to focus now on the safety of existing nuclear plants, on decommissioning, on the safe storage of radionuclide wastes, and on alerting the public to radioactive health threats in their environment. We also call on the Nuclear Regulatory Commission to definitively reject all new license requests or ~~licenses~~ for commercial nuclear reactors.

One in three Americans now lives within the 50 mile danger zone of a nuclear power plant [1] – plants that are vulnerable to earthquakes, tsunamis, hurricanes, tornadoes, floods, fires, containment metal-fatigue, loss of coolant backup power, and/or terrorist attacks. Fukushima Daiichi was a three- fold disaster – two were natural disasters, but the nuclear disaster was man-made and therefore preventable. How many disasters do you require before a reasonable overall program is implemented to prevent a commercial nuclear disaster in the U.S.? We think the only method of prevention is to shut down and decommission the plants and to store the accumulated radionuclide waste using the safest means possible. Energy Efficiency and Renewables are now both adequate and less expensive than nuclear. The safety of the American people should not be sacrificed to commercial nuclear ~~operations~~ [2,3] – if you indeed accept the NRC mission to protect the health and safety of the American people,[4,5] to help provide for common defense and security,[6,7] and to protect the environment from the dangers of civilian, commercial radiation. [8]

Radiation poisoning is invisible and insidious, but it does not need to be. We think all radioactive emissions should be

reported to the public as airborne health hazards (like pollen reports), and that these toxic emissions should be required to have bright distinctive dye markers - so that we can see where they fall on our cars, lawns, homes, pets and children, as well as in our water. It would be no different than requirements for odor markers for natural gas and propane, and could save the lives of our children – especially in the event of a nuclear accident or malicious attack. These radioactive emissions are being released somewhere in the U.S. on a daily basis – from nuclear power plants, nuclear fuel manufacturing and storage facilities, and nuclear fuel railway and highway transports, as well as nuclear weapons facilities. The American people deserve to know when they are being exposed to carcinogenic and DNA-altering poisons. [9,10]

Some may argue that routine radioactive releases are generally small amounts, but numerous studies show that even low dose radiation is dangerous – especially to women, children and unborn fetuses. Radionuclides are extremely toxic and there is no safe dose of radiation; therefore, the public should be alerted to its presence. Multiple definitive studies show there is no threshold to the biological effect of radiation on human cells and DNA.[11] Some people have greater immunity than others, but the risk exists for the public as a whole. It is your duty to protect us, and accurate information about public health threats is the first line of defense.

We call on the NRC to create the following new regulations and procedures to protect U.S. citizens:

- 1. Require distinctive visual dye-markers (like natural gas and propane odor markers), so that all radionuclide emission releases become readily identifiable as such, in order to protect the public from this very real public health danger.
- 2. Require that the public be alerted via news reports (like pollen alerts) to each release of radiation from venting, fuel transfers, or any other accidental, intentional or incidental release of radionuclide emissions into our air, land, and/or water.
- 3. Require that all radioactive trash be stored using the safest known technologies. Currently, for commercial nuclear power plants, the safest means of protecting the public from these radioactive poisons is to move so-called 'spent' fuel rods from cooling pools (after 5 years) to storage in hardened on-site dry-cask storage (HOSS) facilities. [12]
- 4. Resolve to not grant any more commercial reactor licenses, either for new or renewed/ extended operation. In order to stop creating more radioactive poisons at nuclear power plants, the NRC needs to stop providing nuclear power plant contractors with new and/or renewed nuclear reactor licenses (like Germany has done).

Thank you for your service to our country and your careful consideration of our concerns.

Respectfully,

Alice Jones  
and

*Mothers Against Tennessee River Radiation*  
*Bellefonte Efficiency & Sustainability Team*  
*Blue Ridge Environmental Defense League*  
*Neighborhood Environment Watch*

*Tennessee Environmental Council Mountain Justice*  
*Deep Green Resistance*  
*Safe Alternatives for Future Energy Carolinas*  
*Georgia Women's Actions for New Directions*  
*Nukewatch*  
*Citizens to End Nuclear Dumping in Tennessee*  
*Nuclear Watch South*  
*Concerned Citizens of Shell Bluff*  
*People Against A Radioactive Chesapeake*

CC: President Barack Obama, Energy Secretary Steven Chu, Health Secretary Kathleen Sebelius, Homeland Security Secretary Janet Napolitano, Environment Administrator Lisa P. Jackson, Domestic Nuclear Detection Office

[1] Bill Dedman, MSNBC Investigative Reporter, "Population Rises Near U.S. Nuclear Reactors," MSNBC April 14, 2011, [http://www.msnbc.msn.com/id/42555888/ns/us\\_news-life/#](http://www.msnbc.msn.com/id/42555888/ns/us_news-life/#)

[2] David Lochbaum, The NRC and Nuclear Power Plant Safety in 2011: Living on Borrowed Time, Union of Concerned Scientists, March 2012. [http://www.ucsusa.org/assets/documents/nuclear\\_power/nrc-nuclear-safety-2011-full-report.pdf](http://www.ucsusa.org/assets/documents/nuclear_power/nrc-nuclear-safety-2011-full-report.pdf)

[3] David Lochbaum, Edwin Lyman, U.S. Nuclear Power Safety One Year After Fukushima, Union of Concerned Scientists, March 2012. [http://www.ucsusa.org/assets/documents/nuclear\\_power/fukushima-anniversary-report-3-5-12.pdf](http://www.ucsusa.org/assets/documents/nuclear_power/fukushima-anniversary-report-3-5-12.pdf)

[4] National Research Council, Committee to Assess Health Risks from Exposure to Low Levels of Ionizing Radiation, Beir VII Phase 2: Health Risks from Exposure to Low Level Ionizing Radiation, National Academies Press, 2006. [http://books.nap.edu/catalog.php?record\\_id=11340](http://books.nap.edu/catalog.php?record_id=11340)

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[6] GAO, Cybersecurity: Challenges in Securing the Electricity Grid, Gregory C. Wilshusen, Director Information Security Issues, Testimony before the Committee on Energy and Natural Resources, U.S. Senate, July 17, 2012. <http://www.gao.gov/assets/600/592508.pdf>

[7] Robert S. Mueller III, Director Federal Bureau of Investigation, Testimony before the Select Committee on Intelligence U.S. Senate, February 16, 2005, pg 24. <http://intelligence.senate.gov/threats.pdf>

[8] David Lochbaum, Regulatory Roulette: The NRC's Inconsistent Oversight of Radioactive Releases from Nuclear Power Plants, Union of Concerned Scientists, September 2010. [http://www.ucsusa.org/assets/documents/nuclear\\_power/nuclear-power-radioactive-releases.pdf](http://www.ucsusa.org/assets/documents/nuclear_power/nuclear-power-radioactive-releases.pdf)

[9] Wladimir Wertelecki, "Malformations in a Chernobyl-Impacted Region," Pediatrics: The Official Journal of the American Academy of Pediatrics, March 2010, <http://pediatrics.aappublications.org/content/125/4/e836.full.html>

[10] Ian Fairlie, "Children Living Near Nuclear Plants Face an Increased Risk of Cancer," *New Scientist*, April 24, 2008. <http://www.globalresearch.ca/index.php?context=va&aid=8785>

[11] Electrical Power Research Institute, "Technical Consideration for the Nuclear Regulatory Commission/National Academy of Sciences Proposed Study: Cancer in Populations Living Near Nuclear Facilities," Final Technical Report, November, 2011, References: pgs. 61-63.

[12] Robert Alvarez, "Improving Spent Fuel Storage at Nuclear Reactors," *Issues in Science & Technology*, magazine of the National Academy of Sciences, Winter 2012. <http://www.issues.org/28.2/alvarez.html>