

RDB received

3/9/05

From: <eletron7@aol.com>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Mon, Feb 28, 2005 5:42 PM  
 Subject: Oppose North Anna Nuclear Reactor

(650)

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04

69 FR 71854

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

In a time of increased terrorist threat, new nuclear power plants increase physical and economic risks to central Virginia residents, Dominion customers and shareholders, and nuclear industry employees. Al Qaeda is known to have considered nuclear power plants as a target for an attack. Terrorist threats and heightened Threat Advisory Levels (Orange and Red level) may lead to severe restrictions on public access to Lake Anna, which could impact local businesses dependent on public use of the lake. This has already happened at over a dozen lakes with nuclear plants around the country. Adding additional reactors to the North Anna facility could also increase its attractiveness as a terrorist target, increasing the frequency and likelihood of lake closures.

Safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application also doesn't consider what the effect might be on the cost of power in Virginia or nationally, or the need for new generating capacity. Virginia currently has a surplus of electrical generating capacity, so excess power will likely be sold outside the state rather than being used in-state to lower prices. Local residents will be forced to live with the risks of the nuclear plant without getting the benefits.

The history of nuclear power demonstrates that constructing nuclear reactors is expensive, with final costs often running billions of dollars over budget – costs that are often passed on to ratepayers. The first 75 reactors constructed in the U.S. had a combined cost overrun of over \$100 billion. The average reactor ran 400% over budget and was over 4 years late in start up. The last reactor in the U.S. to be completed, the Watts Bar plant in Tennessee, was finally opened in 1996, 23 years after it was first proposed. It cost \$8 billion.

E-RIDS = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

SISP Review Complete

Template = ADM-013

985

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

A major nuclear accident could leave an area the size of Pennsylvania uninhabitable for decades. The area around the Chernobyl nuclear plant, site of a major accident in 1986, is still closed to public access and radiation levels are still high. Cleanup costs for a major nuclear accident are estimated to be around \$500 billion, not including broader economic shockwaves. The nuclear industry's liability for such an accident is capped at around \$10 billion, leaving taxpayers with a \$490 billion bill, ratepayers with a bankrupt utility, and surviving residents without a home.

Nearly 3½ years after September 11th, 2001, legislation to improve security at nuclear plants has not been enacted, and security improvements by the nuclear industry have been shown to have significant gaps and flaws. Security guards are often ill-trained and ill-equipped. Mock assaults designed to test guards and keep them on their toes are often done in an unrealistic manner, with months of advanced warning, and with added security forces that are not normally present to defend against a real attack.

There is at this time no solution to the problem of nuclear waste, and constructing new reactors will only worsen that problem. The proposed Yucca Mountain repository in Nevada will not open until 2010 at the earliest, but even industry experts feel 2015 is a more realistic best-case scenario. That doesn't count the remaining scientific questions about the suitability of the site, and the half-dozen lawsuits currently pending – any of which could send the U.S. Department of Energy back to the drawing board. Even if the facility were to open as scheduled, it's not large enough to hold even the amount of waste expected to be generated by currently-operating plants. Waste from new plants will require a new repository. Meanwhile, all the highly-radioactive irradiated fuel from the plants will continue to be stored on-site.

Emergency plans for dealing with an accident or terrorist attack are inadequate, and rely on teachers, bus drivers, doctors, and other civilians to facilitate an evacuation, without taking into account the possibility of role abandonment. Studies of the Three Mile Island accident, which took place in 1979 in Pennsylvania, found that doctors and other key workers abandoned their posts up to 25 miles from the site to tend to their families or save themselves. In the case of a more severe accident, heroic actions would be required to successfully carry out an evacuation.

In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Ellen Anderson  
9 Amethyst Road

Palmyra, VA 22963

ROB received  
3/9/05

From: <asmanva@aol.com>  
To: <northanna\_esp@nrc.gov>  
Date: Mon, Feb 28, 2005 5:51 PM  
Subject: DENY Dominion's application for an Early Site Permit

(651)

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly and will raise water temperatures harming game fish.

Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

Nancy Asman  
208 Courthouse Cir SW  
Vienna, VA 22180-6205

12/10/04  
69 FR 71854

SISP Review Complete  
Template = ADM-013

E-RIDS = ADM-03  
Add J. Cushing (JXC9)  
A. Williamson (ARW2)

988

RDB received  
3/9/05

From: <sawdon@msn.com>  
To: <northanna\_esp@nrc.gov>  
Date: Mon, Feb 28, 2005 5:58 PM  
Subject: DENY Dominion's application for an Early Site Permit

652

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

Rosemarie Sawdon  
PO Box 125  
Blacksburg, VA 24063-0125

12/10/04  
69 FR 71854

SLSP Review Complete  
Template = ADM-03

E-RIDS = ADM-03  
Add J. Cushing (JXC9)  
A. Williamson (APW1)

ROB received  
3/9/05

**From:** Jean Hiatt <jhiatt3@ystone.net>  
**To:** <northanna\_ESP@nrc.gov>  
**Date:** Mon, Feb 28, 2005 6:10 PM  
**Subject:** Comments opposing proposed new nuclear reactors at North Anna

653

Dear Chief, Rules and Directives Branch,  
Division of Administrative Services  
U.S. Nuclear Regulatory Commission,  
Washington, D.C. 20555

I ask that you not grant an Early Site Permit at the North Anna Nuclear Power Plant. The two reactors that are already operating at North Anna withdraw 1.9 million gallons of water per minute and then return hot water back into the lake. This utilization of water already has a damaging effect on the lake, the residents of the lake, and the aquatic life in the lake. The proposed reactor units would mean a great amount of additional water withdrawn per minute. It appears that it would be an increase of 60% over current conditions. Increased heating of the water as well as increased contamination by chemicals and radioactive particles would further degrade the water conditions. There is no question that we will have periodic droughts in the future. The additional nuclear reactors will undoubtedly have serious adverse effects on the aquatic life in the lake as well as in the water downstream, the Lake Anna homeowners, and the people using the lake for recreation and fishing.

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69 FR 71854

There are many other very powerful reasons to deny the application for building additional nuclear reactors at North Anna. The most important and persuasive reason is that there are no safe means to store spent fuel since the waste products of nuclear reactors will pose a threat to our existence for hundreds of years. That danger is unimaginable!

Water is a necessity of life and it is not a renewable resource. How can you blithely plan to continue to cause damage to our water supplies and our environment? How can the N.R.C. prepare an Environmental Impact Statement that finds that the building of new reactors at North Anna would have no major adverse environmental effects? That is an unreasonable finding.

Please consider all the thoughtful presentations opposing the granting of this Early Site Permit given at the February 17th public meeting as well as all the letters you have received from citizens who object to this plan.

Additional nuclear reactors at North Anna are not in the public's interest.

Thank you for considering this letter.

Sincerely,  
Jean E. Hiatt  
1534 Rugby Avenue,  
Charlottesville, VA 22903

SISP Review Complete

Template - ADM-013

E-RIDS = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

990

ROB received  
3/9/05

From: Christine Gyovai <mcg4k@cms.mail.virginia.edu>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Mon, Feb 28, 2005 6:12 PM  
Subject: NO NEW REACTORS AT NORTH ANNA!

(654)

Dear Sir or Madame:

I am writing to strongly writing to strongly OPPOSE granting an Early Site Permit (ESP) to Dominion Resources to build two new reactors at the North Anna nuclear plant in Mineral, VA. I am horrified that this is even considered in light of nuclear disasters that have happened in the past, such as Three Mile Island. I do not want to raise my children in the shadow of a terrorist target, and I encourage you to NOT grant the ESP to Dominion. We should focus on renewable sources of energy, without hesitation, such as wind and solar, and leave nuclear energy as a dirty part of our past.

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The draft Environmental Impact Statement states that construction activities permissible under the ESP may stir up heavy metals and other contaminants in the lake sediment, while details about mitigation measures are murky. Further, other effects on the lake, such as temperature increases and reduced water levels, are not fully analyzed. Finally, questions about the adequacy of current security regulations and performance are ignored, as are issues of waste generation and its safe, permanent isolation.

Too many questions remain unanswered and too many problems remain unsolved for the NRC to grant an ESP. Please DO NOT GRANT THE ESP to Dominion!

Sincerely,

Christine Gyovai  
University of Virginia  
1122 Broad Axe Rd  
Charlottesville, VA 22903

SISP Review Complete  
Template = ADM-013

E-RIDJ = ADM-03  
Add J. Cushing (JXC9)  
A. Williamson (ARW2)

ROB received  
3/9/05

From: <sdell1@surfbest.net>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Mon, Feb 28, 2005 6:16 PM  
Subject: Oppose North Anna Nuclear Reactor

655

Dear Chief Lesar

The message that follows in the second paragraph, has been prepared by the Virginia Action Network of the Sierra Club and it fully expresses my thoughts and opinions regarding more nuclear reactors proposed for Virginia. The citizens of the U.S. have been lucky with nuclear power for the most part, excepting: Three Mile Island and the contamination scare at North Anna from a careless workman, some twenty years ago; still, I feel this form of power is extremely unwise in our present political climate. The potential for terrorists to infiltrate the reactor's construction process seems great and dangerous, to me. This antiquated power source has seen it's day and the world needs to rid itself of it and seek safer alternatives.

12/10/04  
69 FR 71854

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

In a time of increased terrorist threat, new nuclear power plants increase physical and economic risks to central Virginia residents, Dominion customers and shareholders, and nuclear industry employees. Al Qaeda is known to have considered nuclear power plants as a target for an attack. Terrorist threats and heightened Threat Advisory Levels (Orange and Red level) may lead to severe restrictions on public access to Lake Anna, which could impact local businesses dependent on public use of the lake. This has already happened at over a dozen lakes with nuclear plants around the country. Adding additional reactors to the North Anna facility could also increase its attractiveness as a terrorist target, increasing the frequency and likelihood of lake closures.

Safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application also doesn't consider what the effect might be on the cost of power in Virginia or nationally, or the need for new generating capacity. Virginia currently has a surplus of electrical generating capacity, so

SISP Review Complete  
Template = ADM-03

992

E-RIDS = ADM-03  
Add J. Cushing (Jxc9)  
A. Williamson (ARW1)

excess power will likely be sold outside the state rather than being used in-state to lower prices. Local residents will be forced to live with the risks of the nuclear plant without getting the benefits.

The history of nuclear power demonstrates that constructing nuclear reactors is expensive, with final costs often running billions of dollars over budget – costs that are often passed on to ratepayers. The first 75 reactors constructed in the U.S. had a combined cost overrun of over \$100 billion. The average reactor ran 400% over budget and was over 4 years late in start up. The last reactor in the U.S. to be completed, the Watts Bar plant in Tennessee, was finally opened in 1996, 23 years after it was first proposed. It cost \$8 billion.

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

A major nuclear accident could leave an area the size of Pennsylvania uninhabitable for decades. The area around the Chernobyl nuclear plant, site of a major accident in 1986, is still closed to public access and radiation levels are still high. Cleanup costs for a major nuclear accident are estimated to be around \$500 billion, not including broader economic shockwaves. The nuclear industry's liability for such an accident is capped at around \$10 billion, leaving taxpayers with a \$490 billion bill, ratepayers with a bankrupt utility, and surviving residents without a home.

Nearly 3½ years after September 11th, 2001, legislation to improve security at nuclear plants has not been enacted, and security improvements by the nuclear industry have been shown to have significant gaps and flaws. Security guards are often ill-trained and ill-equipped. Mock assaults designed to test guards and keep them on their toes are often done in an unrealistic manner, with months of advanced warning, and with added security forces that are not normally present to defend against a real attack.

There is at this time no solution to the problem of nuclear waste, and constructing new reactors will only worsen that problem. The proposed Yucca Mountain repository in Nevada will not open until 2010 at the earliest, but even industry experts feel 2015 is a more realistic best-case scenario. That doesn't count the remaining scientific questions about the suitability of the site, and the half-dozen lawsuits currently pending – any of which could send the U.S. Department of Energy back to the drawing board. Even if the facility were to open as scheduled, it's not large enough to hold even the amount of waste expected to be generated by currently-operating plants. Waste from new plants will require a new repository. Meanwhile, all the highly-radioactive irradiated fuel from the plants will continue to be stored on-site.

Emergency plans for dealing with an accident or terrorist attack are inadequate, and rely on teachers, bus drivers, doctors, and other civilians to facilitate an evacuation, without taking into account the possibility of role abandonment. Studies of the Three Mile Island accident, which took place in 1979 in Pennsylvania, found that doctors and other key workers abandoned their posts up to 25 miles from the site to

tend to their families or save themselves. In the case of a more severe accident, heroic actions would be required to successfully carry out an evacuation.

In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Stephen Dell'Aria  
2820 Elsmore Street  
Fairfax, VA 22031

RDB received  
3/9/05

From: "Reed Muehlman" <rrm6k@cms.mail.virginia.edu>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Mon, Feb 28, 2005 6:19 PM  
Subject: No New Nuclear Reactors!

(656)

To Whom It May Concern:

I am writing to OPPOSE granting an Early Site Permit (ESP) to Dominion Resources to build two new reactors at the North Anna nuclear plant in Mineral, VA. The draft Environmental Impact Statement states that construction activities permissible under the ESP may stir up heavy metals and other contaminants in the lake sediment, while details about mitigation measures are murky. Further, other effects on the lake, such as temperature increases and reduced water levels, are not fully analyzed. Finally, questions about the adequacy of current security regulations and performance are ignored, as are issues of waste generation and its safe, permanent isolation.

12/10/04  
69 FR 71854

Too many questions remain unanswered and too many problems remain unsolved for the NRC to grant an ESP.

Sincerely,

Reed Muehlman

1122 Broad Axe Rd. Charlottesville, VA 22903  
434 466 4815

SISP Review Complete  
Template = ADM-013

E-RIOS = ADM-03  
Add J. Cushing (JXC9)  
A. Williamson (ARW7)

RDB received

3/9/05

From: <recyclinglady@yahoo.com>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Mon, Feb 28, 2005 6:40 PM  
 Subject: Oppose North Anna Nuclear Reactor

(657)

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

In a time of increased terrorist threat, new nuclear power plants increase physical and economic risks to central Virginia residents, Dominion customers and shareholders, and nuclear industry employees. Al Qaeda is known to have considered nuclear power plants as a target for an attack. Terrorist threats and heightened Threat Advisory Levels (Orange and Red level) may lead to severe restrictions on public access to Lake Anna, which could impact local businesses dependent on public use of the lake. This has already happened at over a dozen lakes with nuclear plants around the country. Adding additional reactors to the North Anna facility could also increase its attractiveness as a terrorist target, increasing the frequency and likelihood of lake closures.

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E-RIDJ = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW2)

SNP Review Complete

Template = ADM-013

996

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

A major nuclear accident could leave an area the size of Pennsylvania uninhabitable for decades. The area around the Chernobyl nuclear plant, site of a major accident in 1986, is still closed to public access and radiation levels are still high. Cleanup costs for a major nuclear accident are estimated to be around \$500 billion, not including broader economic shockwaves. The nuclear industry's liability for such an accident is capped at around \$10 billion, leaving taxpayers with a \$490 billion bill, ratepayers with a bankrupt utility, and surviving residents without a home.

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Donna Phillips  
101 Fern ct.

Winchester, VA 22602

RDB received  
3/9/05

From: <cassiejurasits@verizon.net>  
To: <northanna\_esp@nrc.gov>  
Date: Mon, Feb 28, 2005 6:47 PM  
Subject: DENY Dominion's application for an Early Site Permit

658

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly and will raise water temperatures harming game fish.

Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

Cassie Jurasits  
6816 Hamilton Rd  
Lorton, VA 22079-1202

12/10/04  
69 FR 71854

SISP Review Complete

Template = ADM-013

E-RIDJ = ADM-03  
Add J. Cushing (JXC9)  
A. Williamson (ARW1)

999

ROB received  
3/9/05

From: <kcox@gwu.edu>  
To: <northanna\_esp@nrc.gov>  
Date: Mon, Feb 28, 2005 7:09 PM  
Subject: DENY Dominion's application for an Early Site Permit

659

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Sincerely,

Katrina Cox  
467 Woodstock Rd  
Millbrook, NY 12545-5211

12/10/04  
69 FR 71854

SISP Review Complete

Template = Aon-013

E-RIDS = AOM-03  
Add J. Cushing (JXC9)  
A. Williamson (ARW1)

1000

RDB Received  
 319105 (660)  
 12/10/04  
 69 FR 71854

From: <jkardan@cstone.net>  
 To: <northanna\_esp@nrc.gov>  
 Date: Tue, Mar 1, 2005 9:58 AM  
 Subject: DENY Dominion's application for an Early Site Permit

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

I live within a half-hour's drive of the reactor, and would be immediately affected by any serious malfunction.

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly and will raise water temperatures harming game fish.

Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

Jay Kardan  
 1889 Wilmington Rd  
 Palmyra, VA 22963-4518

SISP Review Complete  
 Template = ADM-013

E. RIOS = ADM-03  
 Ccd: J. Cushing (JXC9)  
 A. Williamson  
 (ARWD)

From: <jmj@doli.state.va.us>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Tue, Mar 1, 2005 9:33 AM  
 Subject: Oppose North Anna Nuclear Reactor

RDB Received  
 319/05 (661)  
 12/10/04  
 69 FR 71854

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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Safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application also doesn't consider what the effect might be on the cost of power in Virginia or nationally, or the need for new generating capacity. Virginia currently has a surplus of electrical generating capacity, so excess power will likely be sold outside the state rather than being used in-state to lower prices. Local residents will be forced to live with the risks of the nuclear plant without getting the benefits.

The history of nuclear power demonstrates that constructing nuclear reactors is expensive, with final costs often running billions of dollars over budget – costs that are often passed on to ratepayers. The first 75 reactors constructed in the U.S. had a combined cost overrun of over \$100 billion. The average reactor ran 400% over budget and was over 4 years late in start up. The last reactor in the U.S. to be completed, the Watts Bar plant in Tennessee, was finally opened in 1996, 23 years after it was first proposed. It cost \$8 billion.

SISP Review Complete  
 Template = ADM-013

1002

ERIDS = ADM-03  
 added:  
 J. Cushing (Jycq)  
 A. Williamson (ARWD)

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

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Nearly 3½ years after September 11th, 2001, legislation to improve security at nuclear plants has not been enacted, and security improvements by the nuclear industry have been shown to have significant gaps and flaws. Security guards are often ill-trained and ill-equipped. Mock assaults designed to test guards and keep them on their toes are often done in an unrealistic manner, with months of advanced warning, and with added security forces that are not normally present to defend against a real attack.

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Jean Jearman  
3233-A Park Ave.

Richmond, VA 23221

ROB Received  
319105 (662)  
12/10/04  
69 FR 71854

From: <mcfa@loc.gov>  
To: <northanna\_esp@nrc.gov>  
Date: Tue, Mar 1, 2005 9:05 AM  
Subject: DENY Dominion's application for an Early Site Permit

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

Mary Ann McFarland  
6832 Corder Ln  
Lorton, VA 22079-1363

SISP Review Complete  
Template = ADM-013

1005

ERIOS = ADM-03  
add:  
J. Cushing (JXC9)  
A. Williamson (ARW)

From: <hbgallagher@yahoo.com>  
To: <northanna\_esp@nrc.gov>  
Date: Tue, Mar 1, 2005 9:04 AM  
Subject: DENY Dominion's application for an Early Site Permit

RDB Received  
319105 (663)  
12/10/04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

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Sincerely,

Brian Gallagher  
2100 Lee Hwy Apt 221  
Arlington, VA 22201-3555

Sisp Review complete  
Template = ADM-013

ERIOS = ADM-03  
add: J. Cushman (JXC9)  
A. Williamson (ARW)

From: <wandajean55@yahoo.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Tue, Mar 1, 2005 9:04 AM  
Subject: Oppose North Anna Nuclear Reactor

RDB Received  
3/9/05  
(664)  
12/10/04  
69 FR 71854

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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ERIS = ADM-03  
add J. Rushing (JXC9)  
A. Williamson (ARW)

SISP Review Complete  
Template = ADM-013

1007

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Lauren Leake  
1 b south rowland st

Richmond, VA 23220

From: <lisa1969marie@yahoo.com>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Tue, Mar 1, 2005 8:31 AM  
 Subject: Oppose North Anna Nuclear Reactor

RDB Received  
 3/19/05

(665)

12/10/04  
 69 FR 71854

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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ERIOS = ADM-03

add. J. Cushing (JXC9)  
 A. Williamson (ARW)

SISP Review Complete  
 Template = ADM-013

1010

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Lisa Osborn  
21071 Cornerpost Square

Ashburn, VA 20147

RDB Received  
319/05 (666)  
12/10/04  
69 FR 71854

From: <tishapierson@hotmail.com>  
To: <northanna\_esp@nrc.gov>  
Date: Tue, Mar 1, 2005 8:30 AM  
Subject: DENY Dominion's application for an Early Site Permit

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Sincerely,

tisha mcmillan  
216 Orchard Ln  
Harrisonburg, VA 22801-2920

ERIS = ADM-03  
Add J. Cushing (JXC9)  
A. Williamson (ARWI)

SIS Review Complete  
Template = ADM-013 **1013**

ROB Received  
3/9/05 (667)

12/10/04

69 FR 71854

From: <lorah@oldway.net>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Tue, Mar 1, 2005 8:00 AM  
Subject: Oppose North Anna Nuclear Reactor

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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ERIDS = ADM03  
Add! J. Cushing  
(JXC9)

A. Williamson  
(ARW1)

SISP Review Compl  
Template = ADM-01 1014

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laura East  
43348 wayside circle

ashburn, VA 20147

ADB Received  
3/9/05 (668)  
12/10/04  
69 FR 71854

From: "PETERSON, Scott" <jsp@nei.org>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Tue, Mar 1, 2005 7:53 AM  
Subject: Statement from Feb. 17 public meeting

Attached is the complete statement from which I excerpted my remarks at the Feb. 17, 2005 public meeting on the North Anna ESP environmental scoping document. Please use this full statement for the record.

Scott Peterson  
Vice President - Communications

Nuclear Energy Institute  
1776 I Street NW Suite 400  
Washington, DC 20006

phone: 202.739.8044  
fax: 202.533.0180  
cell: 202.497.8505  
web: www.nei.org <http://www.nei.org/>

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SISP Review Complete  
Template = ADM-013

1017

ERIDS = ADM-03  
Add J. Cushing  
(JXC9)  
A. Williamson  
(ARWI)

**Remarks by  
Scott Peterson  
Vice President  
Nuclear Energy Institute**

**Dominion/North Anna Early Site Permit  
Environmental Impact Statement Meeting  
February 17, 2005**

Good evening.

I am Scott Peterson, a Dominion customer and vice president at the Nuclear Energy Institute.

I would like to applaud Dominion for pursuing an early site permit at North Anna, and for its efforts in preserving options to make prudent future choices for providing affordable, reliable electricity to its customers.

By preserving the option to build new nuclear power plants in the United States, Dominion is ensuring that we maintain a diversity of electricity supply options.

Here is the reality. When 11-year old Asa [a previous speaker at the public meeting] is 30, we will need 50 percent more power. We will need all resources to produce safe, reliable, affordable generation.

Today, all renewables produce 2 percent of our electricity. We'll need more. Today, nuclear power produces 20 percent. We'll need more if we are to maintain our quality of life for Asa's generation. We'll need more generation from all sources.

This diversity helps us keep energy reliable and affordable ... and reduces our dependence on foreign supplies.

Dominion is not alone in this endeavor.

It is joined by several other energy companies testing new federal government licensing processes—all part of an effort to look at providing electricity for the future.

And these efforts are broadly supported by the public, policymakers and, in the last few years, as Mr. Sloan said, by leading environmentalists.

Simply put, it makes sense for Dominion to take this step of exploring its options for serving millions of consumers in Virginia who depend on them for affordable electricity, including my family.

Nuclear energy is the nation's second largest electricity source that powers our energy-

hungry, high-tech economy ... in an environmentally responsible manner. That helps secure our energy supply.

Nuclear energy helped back oil out of the electricity sector in the 1970s and 1980s. It can do the same thing in the transportation sector by cleanly producing hydrogen for vehicles powered by fuel cells.

And nuclear power is the only large-scale, emission-free source of electricity that we can readily expand to meet our growing energy demand.

Nuclear power plants also emit no greenhouse gases; chief among them is carbon dioxide. In 2004, U.S. nuclear plants prevented nearly 700 million metric tons of carbon dioxide—the same as eliminating the carbon dioxide emissions from 9 out of 10 passenger cars in the entire country.

These clean air benefits are why support for nuclear energy is widespread among leaders in government, business and academia and is growing among many environmentalists. Six out of 10 self-described environmentalists favor nuclear energy.

And many speakers tonight have discussed security at our plants. We're serious about security, because we want to protect our workers, our families and our neighbors. Nobody is more committed to the safety and security of our workers and neighbors than the industry. We are one of the few industry's whose security is regulated by the federal government, and we have met all federal requirements. Our plants are inspected daily by the NRC.

Nuclear plant security is based on three important and coordinated levels: structural security of the plant itself, including state of the art design and secure physical construction; automated security, including 24-hour monitoring and failsafe mechanisms; and security provided by highly trained, well-armed security officers there to protect the facilities.

Today, more than 100 nuclear power reactors are an important part of America's diverse energy mix. Along with solar and wind, nuclear is an essential provider of emission-free electricity.

The early site process preserves the option to build new nuclear power plants, helping ensure that we will have a diverse, secure, sustainable energy supply to power our future. We need reliable ... affordable ... clean sources of energy for Virginia and America.

An editorial last year in the Richmond Times-Dispatch put it this way: "Many environmentalists want to reduce consumption of fossil fuels. Regarding electricity generation, what better way to replace oil, coal and natural gas plants than with nuclear?"

And the Washington Post, in an August 2004 editorial on energy policy, said it is time to "look again at nuclear energy, a taboo issue yet potentially a huge source of homegrown, non-carbon producing energy."

Dominion is doing just that ... looking at its options for producing electricity for future generations in a way that is safe, sustainable and affordable for all consumers. That's good for my family and for all Virginians.

Let me close with one other important benefit that may surprise many of you...and one of the most important recycle programs in the world. Many U.S. nuclear plants use uranium for fuel that has been extracted from Russian warheads—10,000 warheads in all by the end of this year. That's 10,000 warheads that used to be aimed at U.S. cities now powering the U.S. economy...lighting our cities and rendering those weapons useless for war.

RDB Received  
3/9/05

(669)

12/10/04  
69 FR 71854

From: <wood2002@adelphia.net>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Tue, Mar 1, 2005 7:46 AM  
Subject: Please do not issue Early Site Plan Permit

Dear ESP Decision Makers:

I am against new power plants, including at North Anna, because of unresolved waste disposal issues.

Plutonium 239, a major constituent of irradiated spent fuel from nuclear power plants, has a half life of 24,400 years, and is harmful to living tissue for 250,000 years, or 12,000 human generations.

Contemplating intentionally leaving a legacy of harm for 12,000 human generations, in exchange for a small amount of electricity for 1 or 2 generations now, is unkind and unreasonable.

Please reconsider.

Thank you.

Sincerely,

Adele Wood  
Wood2002@Adelphia.net  
434-977-3616

SISP Review Complete  
Template = ADM-013

ERIS = ADM-03  
Add J. Cushing (Jxc9)  
A. Williamson  
(ARWI)

RDB Received  
3/19/05

670

From: <ironekilz@hotmail.com>  
To: <northanna\_esp@nrc.gov>  
Date: Tue, Mar 1, 2005 7:34 AM  
Subject: DENY Dominion's application for an Early Site Permit

12/10/04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Why are we considering building new nuclear reactors? This is a step backward. Do you remember Three Mile Island? Chernobyl? Nuclear reactors are not safe due to potential accidents or incidents of terrorism. Al Qaeda recently called on its people to plan more terrorist activities outside of Iraq, including more potential violence within the United States. It is a proven fact that Al Qaeda has considered attacks against nuclear reactors.

Besides that, nuclear reactors are expensive. In a time of a nation-wide financial crisis, why are we spending \$200 million to build a nuclear reactor when we can save money by investing in safer, more environmentally conscious and cheaper sources of energy such as hydrogen, solar power and geothermal energy to name a few? Currently Virginia has a surplus of energy, so a new nuclear power plant would generate energy which would likely be sold out of State, thereby increasing the risks to Virginians without any benefits.

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly and will raise water temperatures harming game fish. In addition, lowered water levels will result in lowered property values for those whose houses overlook the lake.

The history of nuclear power demonstrates that constructing nuclear reactors is expensive, with final costs often running billions of dollars over budget - costs that are often passed on to ratepayers. The first 75 reactors constructed in the U.S. had a combined cost overrun of over \$100 billion. The average reactor ran 400% over budget and was over 4 years late in start up. The last reactor in the U.S. to be completed, the Watts Bar plant in Tennessee, was finally opened in 1996, 23 years after it was first proposed. It cost \$8 billion.

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

A major nuclear accident could leave an area the size of Pennsylvania uninhabitable for decades. The area around the Chernobyl nuclear plant, site of a major accident in 1986, is still closed to public access and radiation levels are still high. Cleanup costs for a major nuclear accident are estimated to be around \$500 billion, not including broader economic shockwaves. The nuclear industry's liability for such an accident is capped at around \$10 billion, leaving taxpayers with a \$490 billion bill, ratepayers with a bankrupt utility, and surviving residents without a home.

Nearly 3½ years after September 11th, 2001, legislation to improve security at nuclear plants has not been enacted, and security improvements by the nuclear industry have been shown to have significant gaps and flaws. Security guards are often ill-trained and ill-equipped. Mock assaults designed to test guards and keep them on their toes are often done in an unrealistic manner, with months of advanced warning, and with added security forces that are not normally present to defend against a real attack. Exposures on national news show that reporters can easily walk right into nuclear facilities and be there for long periods

SISP Review Complete  
Template = ADM-013

1022

ERDS = ADM-03  
Add J Cushing - (JXCg)  
A. Williamson (ARW)

of time before a guard even approaches them, plenty of time to detonate a bomb.

There is at this time no solution to the problem of nuclear waste, and constructing new reactors will only worsen that problem. The proposed Yucca Mountain repository in Nevada will not open until 2010 at the earliest, but even industry experts feel 2015 is a more realistic best-case scenario. That doesn't count the remaining scientific questions about the suitability of the site, and the half-dozen lawsuits currently pending - any of which could send the U.S. Department of Energy back to the drawing board. Even if the facility were to open as scheduled, it's not large enough to hold even the amount of waste expected to be generated by currently-operating plants. Waste from new plants will require a new repository. Meanwhile, all the highly-radioactive irradiated fuel from the plants will continue to be stored on-site.

Emergency plans for dealing with an accident or terrorist attack are inadequate, and rely on teachers, bus drivers, doctors, and other civilians to facilitate an evacuation, without taking into account the possibility of role abandonment. Studies of the Three Mile Island accident, which took place in 1979 in Pennsylvania, found that doctors and other key workers abandoned their posts up to 25 miles from the site to tend to their families or save themselves. In the case of a more severe accident, heroic actions would be required to successfully carry out an evacuation.

Sincerely,  
Jamie Simo5407 Sasher Ln  
Fairfax, VA 22030-6330

From: <mickie2246@hotmail.com>  
To: <northanna\_esp@nrc.gov>  
Date: Tue, Mar 1, 2005 6:34 AM  
Subject: DENY Dominion's application for an Early Site Permit

RDB Reed  
319/05 (671)  
12/10/04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

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Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly and will raise water temperatures harming game fish.

Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

Michaelene Pederson  
2246 E Ocean View Ave Apt 105  
Norfolk, VA 23518-6112

SISP Review Complete  
Template = ADM-013

E-RIDS = ADM-03  
add J. Cushing (JXC9)  
A. Williamson (ARWI)

From: <katzchen@davidbowie.com>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Tue, Mar 1, 2005 4:27 AM  
 Subject: Oppose North Anna Nuclear Reactor

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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In a time of increased terrorist threat, new nuclear power plants increase physical and economic risks to central Virginia residents, Dominion customers and shareholders, and nuclear industry employees. Al Qaeda is known to have considered nuclear power plants as a target for an attack. Terrorist threats and heightened Threat Advisory Levels (Orange and Red level) may lead to severe restrictions on public access to Lake Anna, which could impact local businesses dependent on public use of the lake. This has already happened at over a dozen lakes with nuclear plants around the country. Adding additional reactors to the North Anna facility could also increase its attractiveness as a terrorist target, increasing the frequency and likelihood of lake closures.

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SISP Review Compl - 1 n

Template = ADM-013

1025

RDB Rec'd

3/9/05

(672)

12/10/04

69 FR 71854

ERIS = ADM-03

add:

J. Cushing (JXC9)

A. Williamson  
(ARW)

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Della Cleve  
3321 Parkwood Ave.

Richmond, VA 23221

1027

From: <bethcclark@hotmail.com>  
 To: <northanna\_esp@nrc.gov>  
 Date: Tue, Mar 1, 2005 2:45 AM  
 Subject: DENY Dominion's application for an Early Site Permit

RDB Rec'd  
 3/9/05 (673)  
 12/10/04  
 69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

Beth Clark  
 9030 Golden Leaf Ct  
 Springfield, VA 22153-1141

SISP Review Complete

Template = ADM-013

1028

ERIS = ADM-03  
 Add J. Cushing (JXC9)  
 A. Williamson  
 (FRW)

RDB Rec'd  
3/9/05

(674)

From: <eclipsedream@hotmail.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Tue, Mar 1, 2005 1:23 AM  
Subject: Oppose North Anna Nuclear Reactor

Dear Chief Lesar

12/10/04  
69 FR 71854

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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ERIOS=ADM-03  
Add J. Cushing  
(JVC9)

SISP Review Complete

A. Williamson  
(ARW)

Complete = ADM-01 1029

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Scheherazade Folley-Regusters  
3020 Patterson Ave. #12

1030

Richmond, VA 23221

1031

RDB Rec'd  
3/19/05

(675)

12/10/04

69 FR 71854

From: <mfairman@avtec.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Tue, Mar 1, 2005 1:02 AM  
Subject: Oppose North Anna Nuclear Reactor

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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ERIDS = ADM-03  
Add J. Cushing  
(JXC9)

SISP Review Complete  
Template = ADM-013-1032

A. Williamson  
(ARWI)

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

A major nuclear accident could leave an area the size of Pennsylvania uninhabitable for decades. The area around the Chernobyl nuclear plant, site of a major accident in 1986, is still closed to public access and radiation levels are still high. Cleanup costs for a major nuclear accident are estimated to be around \$500 billion, not including broader economic shockwaves. The nuclear industry's liability for such an accident is capped at around \$10 billion, leaving taxpayers with a \$490 billion bill, ratepayers with a bankrupt utility, and surviving residents without a home.

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Marcia Fairman  
147 Century Lane

Montross, VA 22520

RDB Rec'd  
3/9/05

(676)

From: <thomasonpi@vcu.edu>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Tue, Mar 1, 2005 12:42 AM  
 Subject: Oppose North Anna Nuclear Reactor

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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SISP Review Complete

Template = ADM-013 1035

12/10/04  
69 FR 71854E-RIDS = ADM-03  
add J. Cushing  
(JXC9)A. Williamson  
(ARWD)

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Pablo Thomason  
711 W Main St

Richmond, VA 23220

From: <newtonvince@hotmail.com>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Tue, Mar 1, 2005 12:09 AM  
 Subject: Oppose North Anna Nuclear Reactor

RDB Rec'd  
 3/1/05

(677)

12/10/04  
 69 FR 71854

Dear Chief Lesar

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@ RIOS = ADM-03

addl - J. Cushing  
 (JXC9)

A. Williamson  
 (ARWI)

SISP Review Complete  
 Template = ADM-013 1038

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

vince newton  
8500 Pamela Drive

1039

Richmond, VA 23229

RDB Rec'd  
3/9/05

678

From: <goodrp@vcu.edu>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Mon, Feb 28, 2005 10:53 PM  
Subject: Oppose North Anna Nuclear Reactor

Dear Chief Lesar

12/10/04  
69 FR 71854

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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ERIOS = ADM-03  
Add J. Cushing  
(JXC9)

A. Williamson  
(ARWI)

SIS P Review Complete

Template = ADM-011041

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Robyn Good  
2102 Floyd Ave

Apt A  
Richmond, VA 23220

---

**1043**

From: <lcmkairos@aol.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Mon, Feb 28, 2005 9:55 PM  
Subject: Oppose North Anna Nuclear Reactor

RDB Rec'd  
3/9/05

(679)

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04

6-9 FR 71854

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ERIDS = ADM-03  
add J. Cushing  
(JXC9)

A. Williamson  
(ARWI)

SISP Review Complete

Template = ADM-013

1044

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

lee mitchell

44 Barclay rd  
Newport News, VA 23606

From: <tonijackson@comcast.net>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Mon, Feb 28, 2005 9:47 PM  
 Subject: Oppose North Anna Nuclear Reactor

RDB Rec'd  
 3/9/05

(680)

12110105

69 FR 71854

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ERIOS = ADM-03  
 Add J. Cushing  
 (JXC9)

A. Williamson  
 (ARW1)

SISP Review Complete  
 Template = ADM.013

1047

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toni jackson  
9709 VA Centerway Place

Glen Allen, VA 23059

RDB Rec'd  
3/19/05

(681)

12/10/05  
69 FR 71854

From: <marciadickinson@hotmail.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Mon, Feb 28, 2005 9:05 PM  
Subject: Oppose North Anna Nuclear Reactor

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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ERIDS = ADM-03

Add J. Cushing  
(JXC9)

A. Williamson  
(ARW1)

SISP Review Complete  
Template = ADM-01 1050

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marcia dickinson  
2222 rosewood avenue

1051

richmond, VA 23220

From: <lysilver1@juno.com>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Mon, Feb 28, 2005 8:45 PM  
 Subject: Oppose North Anna Nuclear Reactor

ROB Reid

3/19/05

(682)

12/10/05

69 FR 71854

Dear Chief Lesar

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SISP Review Complete  
 Template = ADM-013

1053

ERIOS = ADM-03  
 Adol J. Cushing  
 (JXC9)

A. Williamson  
 (ARW1)

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Mr & Mrs John Silver

---

1054

1077 White Oak Rd.  
Fredericksburg, VA 22405

RDB Rec'd  
3/9/05  
12/10/04  
69 FR 71854  
(683)

From: <monteman@cox.net>  
To: <northanna\_esp@nrc.gov>  
Date: Mon, Feb 28, 2005 8:09 PM  
Subject: DENY Dominion's application for an Early Site Permit

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly and will raise water temperatures harming game fish.

Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

Kathy Dammarell  
12 Copps Hill St  
Laguna Niguel, CA 92677-4705

SISP Review Complete  
Template = APM-013

ERIDS = APM 03  
add G. Cushing  
(LS KC9)  
G. Williamson  
(ARWI)

1056

From: <s.sanders2@att.net>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Mon, Feb 28, 2005 7:36 PM  
 Subject: Oppose North Anna Nuclear Reactor

RDB Rec'd  
 3/9/05

(684)

Dear Chief Lesar

12/16/04

69 FR 71854

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

In a time of increased terrorist threat, new nuclear power plants increase physical and economic risks to central Virginia residents, Dominion customers and shareholders, and nuclear industry employees. Al Qaeda is known to have considered nuclear power plants as a target for an attack. Terrorist threats and heightened Threat Advisory Levels (Orange and Red level) may lead to severe restrictions on public access to Lake Anna, which could impact local businesses dependent on public use of the lake. This has already happened at over a dozen lakes with nuclear plants around the country. Adding additional reactors to the North Anna facility could also increase its attractiveness as a terrorist target, increasing the frequency and likelihood of lake closures.

Safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application also doesn't consider what the effect might be on the cost of power in Virginia or nationally, or the need for new generating capacity. Virginia currently has a surplus of electrical generating capacity, so excess power will likely be sold outside the state rather than being used in-state to lower prices. Local residents will be forced to live with the risks of the nuclear plant without getting the benefits.

The history of nuclear power demonstrates that constructing nuclear reactors is expensive, with final costs often running billions of dollars over budget – costs that are often passed on to ratepayers. The first 75 reactors constructed in the U.S. had a combined cost overrun of over \$100 billion. The average reactor ran 400% over budget and was over 4 years late in start up. The last reactor in the U.S. to be completed, the Watts Bar plant in Tennessee, was finally opened in 1996, 23 years after it was first proposed. It cost \$8 billion.

ERIDS = ADM03

ADDJ Cushing  
 (JXC9)

A. Williamson  
 (ARW)

SISP Review Complet

Template = ADM-01: **1057**

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

A major nuclear accident could leave an area the size of Pennsylvania uninhabitable for decades. The area around the Chernobyl nuclear plant, site of a major accident in 1986, is still closed to public access and radiation levels are still high. Cleanup costs for a major nuclear accident are estimated to be around \$500 billion, not including broader economic shockwaves. The nuclear industry's liability for such an accident is capped at around \$10 billion, leaving taxpayers with a \$490 billion bill, ratepayers with a bankrupt utility, and surviving residents without a home.

Nearly 3½ years after September 11th, 2001, legislation to improve security at nuclear plants has not been enacted, and security improvements by the nuclear industry have been shown to have significant gaps and flaws. Security guards are often ill-trained and ill-equipped. Mock assaults designed to test guards and keep them on their toes are often done in an unrealistic manner, with months of advanced warning, and with added security forces that are not normally present to defend against a real attack.

There is at this time no solution to the problem of nuclear waste, and constructing new reactors will only worsen that problem. The proposed Yucca Mountain repository in Nevada will not open until 2010 at the earliest, but even industry experts feel 2015 is a more realistic best-case scenario. That doesn't count the remaining scientific questions about the suitability of the site, and the half-dozen lawsuits currently pending – any of which could send the U.S. Department of Energy back to the drawing board. Even if the facility were to open as scheduled, it's not large enough to hold even the amount of waste expected to be generated by currently-operating plants. Waste from new plants will require a new repository. Meanwhile, all the highly-radioactive irradiated fuel from the plants will continue to be stored on-site.

Emergency plans for dealing with an accident or terrorist attack are inadequate, and rely on teachers, bus drivers, doctors, and other civilians to facilitate an evacuation, without taking into account the possibility of role abandonment. Studies of the Three Mile Island accident, which took place in 1979 in Pennsylvania, found that doctors and other key workers abandoned their posts up to 25 miles from the site to tend to their families or save themselves. In the case of a more severe accident, heroic actions would be required to successfully carry out an evacuation.

In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Helen Sanders  
1612 Franklin Street

Fredericksburg, VA 22401

RDB Rec'd 3/9/05

From: Jim Bryan <jimbryan@earthlink.net>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Tue, Mar 1, 2005 3:26 PM  
Subject: North Anna EIS for ESP, JBryan comments

(685)

Dear Mr. Cushing and NRC Staff,

Thank you very much for the interesting and informative public meeting at Mineral, VA, on February 17, 2005.

I am attaching my comments in pdf format. Please notify me if they are received and can be opened.

Sincerely yours,

James A. Bryan, PhD

12/10/04  
69 FR 71854

SISP Review Complete  
Template = ADM-013

ERIOS = ADM-03  
Add = J. Cushing (JXC9)  
A. Williamson (ARWI)

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1060

## North Anna Environmental Impact Assessment for Proposed Reactors 3 & 4

I appreciate the opportunity to take part in this Environmental Impact Assessment, as part of determining the effects and the suitability of siting two additional nuclear reactors at the North Anna Power Station near my home in Central Virginia. For the past 36 years, an Environmental Impact Assessment has been required for major projects that will affect our environment: the requirement is that we should look at the reality of what we do, and its effects on our environment, as clearly as possible. Environmental Impact Assessments are at the heart of the National Environmental Policy Act of 1969, which was passed with strong bi-partisan support, and which became the basis for much of our environmental law and of environmental law world-wide. The environmental effects of our actions continue to deserve and require our attention. Nuclear reactors are important enough to deserve careful respect for reality.

I have a general comment about this Environmental Impact Assessment process, and three specific concerns about this Environmental Impact Statement for an Early Site Permit. All of my comments are intended to support this assessment process, which has become an important component of our democracy, our freedoms, and our security, as well as our environmental protection; and to help make this particular assessment more realistic.

My general comment is about the relevance of this Environmental Impact Statement for an Early Site Permit at the North Anna Site, since this is a new type of EIS and its purpose is not fully clear; and, if we accept the value of the assessment of the Early Site Permit, with the acceptability of this particular analysis.

Many issues needed in a complete EIA are deferred in this EIS for an Early Site Permit, and it is difficult for me to see the benefit of what appears to me to be an incomplete assessment. This Environmental Impact Statement for two additional reactors at North Anna is part of an "Early Site Permit" application, which represents a new approach to reactor approval, designed to streamline the permit process. As described in the guidelines for this new process, "an applicant for an ESP need not provide a detailed design of a reactor or reactors and the associated facilities but should provide sufficient bounding parameters and characteristics of the reactor or reactors and the associated facilities so that an assessment of site suitability can be made. Consequently, the ESP application may refer to a plant parameter envelope (PPE) as a surrogate for a nuclear power plant and its associated facilities." The Early Site Permit process is

intended to provide more efficient licensing, by "resolving certain safety and environmental issues before Dominion incurs the substantial additional time and expense of designing and seeking approval to construct such facilities at the site" (NUREG-1811 Executive Summary).

This Early Site Permit approach leaves a lot of unknowns that will have to be resolved in the future. Some features left unresolved in this early site permit application, which still need to be addressed before approval can reasonably be expected include:

- selection of reactor, and the selected reactor's safety records in other sites if the design has been previously used;

- design of the dry cooling tower and its safety record, especially with aviation accidents or attack;

- design of the ultimate cooling sink, its proposed operation and safety testing;

- plan for storage, protection and transport of waste; and

- decommissioning impacts,

none of which have been considered at this stage. We are told that this is not an Environmental Impact Assessment for construction or operation, where such issues will be handled; this is only for approval of the site for two additional reactors.

Since Dominion Resources already has two operating nuclear reactors at the site, which have recently been re-licensed, it would seem that the major question this Environmental Impact Statement needs to answer is whether two additional reactors can be constructed and operated without undue risk to the health and safety of the public.

In other words, what are the compounding effects on safety and the environment of the proximity of other reactors? The description of the affected environment correctly emphasizes the presence of NAPS Units 1 and 2 on the site (paragraph 2-1); however the possible interactions between existing reactors with the proposed reactors do not appear to be addressed where they would need to be, for example in Chapter 5.10.1 Design-Basis Accidents, in Chapter 5.10.2 Severe Accidents; or Chapter 6, Fuel Cycle, Transportation and Commissioning, especially section 6.1.1.6 Radioactive Wastes. What, for example, will be the effect of these additional reactors on the safety of the two existing reactors? What is the comparative safety record of large and small clusters of reactors? What are the effects on safety, and on the concept of "defense in depth" of greater maximums of full power operation at a given site?

Neglecting to address the potential interaction-effects at this site in this Environmental Impact Statement raises the question of what has really been accomplished in this 724-page draft report, which could not have awaited a more complete proposal to be considered.

To look at the issue of appropriateness of this site for two additional reactors, attention must be focused on the potential increased likelihood of accident and magnitude of accident effects, and on additional management and containment problems in case of accident, both with multiple plants in proximity, and with increased capacity of production. I am sure that after 1979 the NRC must have analyzed the benefits to those who were working on the containment of the Three Mile Island Reactor II accident, in having Reactor I closed down for maintenance at the time of the partial core meltdown. Analysis of the effects of multiple reactors at the Browns Ferry nuclear station in 1975, as well as at Chernobyl and Mihama Reactor Number 3 in August of last summer would appear to be among the essential components of a thorough analysis of possible interaction effects, and the increased dangers of severe accident created by the clustering of additional reactors at the North Anna site.

In summary of my general concern for this Environmental Impact Assessment as a component of an Early Site Permit application, I believe an application concerned specifically and exclusively with the site and its relevance to future construction and operation permits cannot be accepted without thorough consideration of possible interaction effects in case of accidents.

My specific concerns with components of the Environmental Impact Statement are about I. the assessment of risks of severe accident in this draft EIS; II. the omission of the threats of terrorism in this assessment; and III. alternatives.

#### **I. Risk of serious accidents**

Due to the subject of this 724-page Environmental Impact Statement, after I had read only part of it, I couldn't wait to see how it handled the risk of severe accidents. Before and especially since Three Mile Island, Chernobyl, the accidents in Japanese reactors and other less-reported accidents in the United States' reactors, bombers, nuclear experimental facilities, and nuclear submarines, and numerous reports of near accidents and cover-ups of safety failures, the ultimate safety of nuclear reactors has been a widespread concern of many Americans. I was

surprised to see a simplistic summary of the risk as "SMALL" (the Commission has determined that the probability-weighted consequences of severe accidents is SMALL for all 37 existing plants (10 CFR 51, Subpart B, Table B-1). 38 used for comparison purposes). In looking at the calculation for this estimate of "SMALL" danger, I saw that the NRC calculation is that a severe accident in a proposed new reactor would be less likely than one in a million years.

So I turned to Chapter 5.10.2, on Severe Accidents, to see how this analysis was made.

I know that the NRC has put great efforts into risk assessment, both in this North Anna Environmental Impact Assessment and as a major part of their analysis since the Three Mile Island accident. Much of this work, including the analysis in this Environmental Impact Assessment, is based on PRAs, or "probabilistic risk assessments". You have based much of your important efforts at assessing the risk of serious accidents at the proposed reactors on the concept of PRA, and I quote from an NRC document, "The probabilities of accident sequences can be quantified. This allows the estimation of risk metrics such as the frequency of severe damage to the reactor core, the frequency of release of large amounts of radioactivity, and the probability of death of an individual living near the plant. Accident sequences can be ranked according to their contribution to risk." (NRC response to UCS criticism of NRC risk assessment, at [www.nrc.gov/reading-rm/doc-collections/acrs/letters/2000/4761914.html](http://www.nrc.gov/reading-rm/doc-collections/acrs/letters/2000/4761914.html)). As I understand it, with the probabilistic risk assessment, you identify various risks, determine how likely each is to occur, and add the various risks together to get an overall picture of the risk of serious accident.

I am not an expert in risk assessments, or in statistics, or in nuclear reactors; but in the course of my scientific work, and in my work helping graduate students analyze and present their data, I have often observed data that doesn't make sense and analyses that just must be wrong. I tried to encourage my students then to open their eyes. I think it is a sound practice that if your data doesn't make sense, look at your data again. If your analysis does not fit with reality, take another look. Look for obvious mistakes. Re-examine your assumptions.

The assessment that a severe accident in the proposed reactors is likely in less than one in a million years needs re-examination.

It is widely recognized that the biggest problem with probabilistic risk assessments is when you overlook factors that are real and don't think of factors that prove to be important risks. For example, before the accident at Three Mile Island, no-one realized that there needed to

be some clear way to know when the pilot-operated relief valve for cooling water was open and cooling water was flowing away from the reactor, instead of toward it; no-one realized that the alarm system would set off so many flashing lights that the operators could not figure out what any of the lights meant; that no-one could know how much hydrogen gas had collected in the reactor, how much oxygen might become available there, and whether or not it was going to explode, for several very tense days. (J. Samuel Walker, Three Mile Island, University of California Press, 2004). None of many technical factors would have been included in a probabilistic risk assessment of Three Mile Island Reactor 2; they were risks, but no-one knew it.

But much more than a missing pressure gauge and unexpected challenges in cooling the reactor core, or unknown amounts of potentially explosive gas combinations, the major cause of all major nuclear accidents -- in Three Mile Island 2, at Chernobyl, in the fatal accidents in Japan in the Tokaimura fuel processing plant in 1999 and in the Mihama reactor number 3 in August of last summer, and in many other accidents -- the major, inescapable, clearly identified cause has been human error. Not only human error, but overlooking human error was identified in the post-core meltdown analysis of Three Mile Island Reactor 2 as a persistent pattern of both the NRC and the nuclear industry. Everyone who looked at that accident after it happened pointed out that human error AND overlooking the relevance of human error to reactor safety or danger, were THE main ingredients in the recipe for disaster; and everyone agreed that we should not overlook human error again. I believe the NRC developed a serious and systematic program of "Lessons learned" at that time.

Nevertheless, I can't find human error addressed directly as a factor in your Probabilistic Risk Assessment in this Environmental Impact Statement. Why human error would be left out of direct consideration in this analysis mystifies me. Human error and the inadequate attention paid to human error caused all of these serious accidents and stopped the nuclear industry in its tracks for 26 years. And now, here we go again, overlooking human error and lessons learned. What's wrong with us? It's often been said that we can't be sure of anything but death and taxes. We can also be sure of human error. Any system of risk analysis that overlooks human error is overlooking an important part of reality. Lack of attention to human error in the consideration of nuclear reactors is a threat to our security and a danger to our well-being.

In regard to severe accidents, I want to call your attention to an apparent flaw in the reasoning behind Table 5-20. Comparison of Environmental Risks from Severe Accidents.... Here, you

are making predictions of the frequency of severe accidents likely in new reactors by comparison to other reactors. The reactors you have selected to use for your comparison are "current plants undergoing operating license renewal." From the wording of this table and its footnote B, the American reactor with the most severe accident, and therefore the reactor most important to consider in this risk assessment, Three Mile Island Reactor # 2, has been excluded from your analysis. I hope you have not actually made this mistake in your analysis, and that, instead, you have simply mislabeled the table and mis-stated your criteria in footnote B.

In summary of my concerns about the potential safety impacts of the proposed plants, which seems to be the greatest potential environmental effect of additional reactors, it seems that the methods used to determine the possibility of severe accidents are simply not adequate to answer the most relevant questions, either in the short-term operation of the proposed reactors, or especially in respect to the long-term management of hazards created, either within the foreseeable future decades, or within the centuries and millennia over which the waste must be secured.

**II. Possibilities of terrorism.** I have a second concern about your considerations of the likelihood of severe accidents. Since we know that terrorists have scoped out American nuclear reactors for possible attack, and we know that reactors such as those already existing at North Anna or near New York City would probably have caused much more serious damage to our country than the attacks of September 11, we would be foolish not to consider the possibility of terrorism. So of course I looked in this Environmental Impact Statement to see how the threats of terrorist attack on nuclear facilities are handled. I read a lot of this 724 page EIS, and couldn't find any mention of terrorism. I did a computer search for terrorism within the document. I couldn't find any mention of terrorism. Did I miss something? Is it hidden somewhere?

I see that the risk assessment in this draft Environmental Impact Assessment is done in accordance with NUREG-1437, which was written in 1996. Are we still living without consideration of the possibility of terrorism? Part of NRC's job, much clarified after Three Mile Island, is to think ahead of problems with reactors, not wait until later and say "Oh, we didn't know the specifics. We had no clear warning." It is bizarre that our government was raising the possibility of terrorism every few days last summer and fall, and that now, somehow, this branch of our government, the NRC, seems to be completely overlooking terrorism as a danger to

nuclear reactors, with great potential impacts on the environment. We need attention to this reality. I am especially concerned by the vulnerability of the three cooling water intakes, which on your site diagrams are all located close together near the existing and proposed reactors.

If there is any situation where we need to pay attention to the threats of terrorism, it is with accumulations of radioactive materials at easily visible sites on American soil, especially near major urban targets like New York City and Washington, DC. The increase in risk resulting from the increase in high level nuclear waste on the site that would be caused by one or two additional reactors needs to be part of a realistic assessment of risk, and a realistic environmental impact assessment. Please include it in your next draft.

To summarize my concerns on the subjects of risk assessment for severe accidents and the dangers of terrorism, I would like to ask a question. Our government is heavily subsidizing the insurance on our nuclear reactors, because insurance companies will not insure these reactors without government subsidies, and without these subsidies, in free markets, the reactors would not operate. My question is this: what do the insurance companies know about the risk of these reactors that the NRC does not know, or is not including in its risk assessment?

### **III. Alternative sites and the no-action option.**

In respect to the no-action alternative (Chapter 8.1), at what point in this process, and for what reasons, could it be decided not to grant Dominion the authorization to construct and operate additional nuclear reactors at North Anna?

In respect to potential brownfield alternative sites (Chapter 8.3.3), not enough information is given to indicate that this option has been adequately explored. This concern is related to the concern I expressed earlier, about the comparative safety of clustering or dispersing potential future reactors.

### **Conclusion.**

I appreciate your careful consideration to many aspects of the likely environmental impacts of additional nuclear reactors at North Anna, and hope you will continue this assessment, especially as it regards long-term safety, which is certainly the most important environmental impact of nuclear reactors. This is a subject that requires careful attention to reality. It is too important for wishful thinking, for inadequate intelligence, or for political distortion of facts.

I came to the NRC meeting in Mineral undecided about my ultimate opinion about the desirability of additional reactors here. Part of respecting reality is respecting the fact that we need energy, and that most sources of energy are damaging to our environment in one way or another. I had never read as much about nuclear energy as I had in the past six weeks; and still I was uncertain. The meeting was informative and encouraging, in our present political climate and in the context of polarized attitudes towards nuclear reactors, in free exchange of many strongly held opinions. The next morning, thinking that I should quit reading and thinking about the proposed reactors and return to my own work in forestry, I got a much clearer insight into the cost-benefits of additional reactors.

Foresters have the unusual situation that one generation of trees may take several generations of foresters to grow: some of our most valuable tree species take 100 or 200 years to begin to reach maturity. In our society, we do not have a good record of growing long-rotation forests. Many of the slow-growing species that were most important in the Americas at the time of European arrival are now rare or commercially extinct. Long-leaf pine, for example, which covered large regions of the south, and would be extremely valuable now for its rot-resistant properties, has been extensively cut with little replacement, due largely to the patience required in growing it. Now, if I want to buy long-leaf pine lumber, I need to get recycled wood from warehouses or factories that are being torn down. Mahogany and American rosewood represent other valuable and important species requiring long rotations, and are threatened now by our inability to manage long rotations. Brazil was named for a tree that was so valuable it is now hard to find growing wild; now, before reaching extinction, it has come under the care of violin bow-makers who need the wood for making the bows, and who are now supporting nurseries and management of a tree that is needed for producing our music; but they are acting at the last minute, when it is almost too late. If we in our society cannot care successfully for trees that take one or two hundred years to grow, how are we going to care for nuclear waste over thousands of years?

Thus an issue deferred in the consideration of the environmental impacts for this Early Site Permit, the long-term management of wastes, re-emerges in my mind as a fundamental environmental issue that must be considered if we are going to be realistic. Without considering and largely solving this problem, a realistic consideration of likely environmental impacts must recommend the denial of a request for site permitting for additional reactors.

RDB Rec'd  
3/9/05

686

From: "Joseph Malherek" <jmalherek@citizen.org>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Tue, Mar 1, 2005 12:40 PM  
Subject: Comments on EIS for North Anna ESP (NUREG-1811)

To Whom It May Concern:

Attached you will find a PDF ("pccommentsnaeis") containing the comments of Public Citizen on the NRC's Draft Environmental Impact Statement (Draft EIS) for an Early Site Permit (ESP) at the North Anna ESP Site (NUREG-1811).

12/10/04

69 FR 71854

Public Citizen, in conjunction with the Nuclear Information and Resource Service (NIRS) and the Blue Ridge Environmental League (BREDL), has been admitted as a party to the licensing proceeding for the North Anna ESP. As a formal participant with standing in this proceeding, we hope that our comments and recommendations on the Draft EIS are considered seriously and taken into account before the NRC issues its Final EIS on the North Anna ESP.

Please enter these comments into the official record on this proceeding.

Sincerely,

Joseph P. Malherek  
Policy Analyst, Public Citizen's Critical Mass Program

Michele Boyd  
Legislative Director, Public Citizen's Critical Mass Program

Joseph P. Malherek

Policy Analyst  
Critical Mass Energy and Environment Program  
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SISP Review Complete  
Template = ADM-013 1069

E.RIOS = ADM-03  
Add J Cushing (JXC9)  
A. Williamson (ARW)



Buyers Up • Congress Watch • Critical Mass • Global Trade Watch • Health Research Group • Litigation Group  
Joan Claybrook, President

March 1, 2005

Chief, Rules and Directives Branch  
U.S. Nuclear Regulatory Commission  
Mail Stop T6-D59  
Washington, D.C. 20555-0001

**Re: Comments on the Draft Environmental Impact Statement for an Early Site Permit (ESP) at the North Anna ESP Site (NUREG-1811)**

To Whom It May Concern:

Enclosed you will find the comments of Public Citizen on the NRC's Draft Environmental Impact Statement (Draft EIS) for the Early Site Permit (ESP) at the North Anna ESP Site.

Public Citizen, in conjunction with the Nuclear Information and Resource Service (NIRS) and the Blue Ridge Environmental League (BREDL), has been admitted as a party to the licensing proceeding for the North Anna ESP. As a formal participant with standing in this proceeding, we hope that our comments and recommendations on the Draft EIS are considered seriously and taken into account before the NRC issues its Final EIS on the North Anna ESP.

Please enter these comments into the official record on this proceeding.

Sincerely,

A handwritten signature in cursive script that reads "Michele Boyd".

Michele Boyd  
Legislative Director, Energy Program

A handwritten signature in cursive script that reads "Joseph P. Malherek".

Joseph P. Malherek  
Policy Analyst, Energy Program

[Enclosure]

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## Overall comments

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### Arbitrary Distinction between ESP and COL

The purpose of an Early Site Permit (ESP) process is supposedly to “assess whether a proposed site is suitable should the applicant decide to pursue a CP [construction permit] or COL [combined license]” (DEIS, page xxi). Yet, this Draft Environmental Impact Statement (DEIS) fails to consider or to fully acknowledge numerous environmental issues that indicate that the North Anna site is not suitable for additional reactors. It does not appear that the ESP really indicates anything about site suitability when analyses to determine environmental impacts or decisions on how to mitigate those impacts are put off to the COL stage or are to be made by the state after the NRC has already granted the ESP.

Moreover, the need for a “Site Redress Plan” (Section 4.11), which addresses the activities required to return the North Anna site to its present state if infrastructure construction activities are truncated, and the breadth of the facilities that can be constructed under the ESP (listed on page 4-46 of the DEIS) is an indication of the bizarre and arbitrary division between the ESP and the COL processes. Clearly, the specific site and the specific reactor are one in the same project, and the division into the ESP and COL licensing process is completely arbitrary.

Dominion claims that it has made no decisions about building new reactors at North Anna.<sup>1</sup> Yet, an ESP is a “partial construction permit,”<sup>2</sup> meaning that Dominion would be allowed to carry out large-scale construction operations, including site clearing, stream clearing, and excavation, as well as construction of permanent foundations, intake structures, and outfall structures.<sup>3</sup> Moreover, Dominion is leading a consortium that plans to apply for a combined construction and operation license (COL) in 2008. Thus, if granted an ESP, Dominion could be permitted to begin an extensive construction operation while numerous, important issues, such as the need for power and the indefinite storage of additional waste onsite, have not been addressed. Simply declaring that NRC is not required to look at these issues does not make them go away.

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## Water Resources

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### Inadequate data and evaluation

The DEIS does not sufficiently address whether there is an adequate water supply in Lake Anna for the operation of another once-through reactor. In fact, the necessary in-depth analyses to determine the impacts on Lake Anna or to mitigate those impacts are put off to the COL stage or are to be determined by the Commonwealth of Virginia at a later date – after the NRC has already granted the ESP.

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<sup>1</sup> Public Statement by Dominion at the public hearing on the DEIS for North Anna ESP. Rusty Dennen, “NRC hearing airs opinions,” *Fredericksburg Free Lance-Star*, February 20, 2005.

<sup>2</sup> 10 CFR Part 52

<sup>3</sup> 10 CFR 50.10(e)(1)

For example, according to the DEIS, "because of the limited inflow data, it is not possible to create a reliable water budget for Lake Anna directly from inflow and discharge measurements" (page 2-21, line 31). Nor have water velocity measurements within the lake been recorded. Yet, the DEIS makes it clear that these data are "important for both understanding the hydrodynamics of the lake and to calibrate numerical models of fluid and heat transport process in the lake" (page 2-22, line 2). In place of velocity measurements, NRC Staff estimated the inflow using data from an adjacent drainage basin and outflow based on the operating rules for the Lake Anna Dam. NRC should require Dominion to provide the necessary temperature and velocity measurements for the Final EIS, and not wait until the COL stage (page 5-7, line 19). With such inadequate data about the lake's hydrology, how can NRC Staff conclude that the hydrological impacts of another once-through reactor on the lake will be "small" (page 5-7, line 18)?

### Reduced lake levels (Sec. 5.3)

The two existing reactors on Lake Anna withdraw 1.9 million gallons of water per minute. While most of the water that is withdrawn from Lake Anna is returned as hot water in the southern portion of the lake, the Draft EIS does not state the consumptive use – how much water is lost from evaporation – of the existing reactors. This information is crucial for understanding the additional impact from the two proposed reactors and should be explicitly provided in the Final EIS.

The proposed once-through reactor would withdraw another 1.14 million gallons of water per minute, and would result in an additional 11,700 gallons of water lost per minute (adding another 1% to the evaporative losses). Even a several percent loss of water can have a large impact on the lake. According to the Draft EIS, "even making normal minimum releases of 1.1 m<sup>3</sup>/s (40 cfs) from Lake Anna will result in deficits during July, August, and September" (page 5-4, line 15). In drought years, the rate of evaporation and the reduced flow into the lake would have an even more serious impact on both the aquatic life in the lake and on the people living around the lake. In the 2002 drought, the water level dropped to 245 feet above mean sea level, which is 5 feet lower than normal. Boats could not be launched from ramps on the lake, and the backyards of homes around the lake were mudflats. The impact on property values from increased periods of lower lake levels should be analyzed in the Final EIS.

According to the Draft EIS, the two existing reactors must be shut down when the water decreases below 244 feet above mean sea level, because the water level would become too low for the intake pipe. Had a third once-through unit been operating in October 2002, the lake level would have dropped to 243.4 feet above mean sea level and the reactor would have had to be shut down. In its application, Dominion has asked to allow the proposed third reactor to operate until the lake level drops down to 242 feet above mean sea level. At the February 23, 2005 meeting between NRC and Dominion, Dominion stated that it has lowered the intakes for Units 1 and 2. Please indicate how Dominion has modified the intake pipes in the Draft EIS. Does Dominion intend to request that the shutoff point for the existing reactors be lowered to 242 feet above mean sea level?

The NRC Staff does not oppose the proposal of lowering the shutdown point for Unit 3, because the water level decreases slowly and thus "the facility would have adequate time to prepare for any shutdown caused by low lake elevations" (page 5-7, line 7). Yet, the NRC Staff acknowledges that "operation of Unit 3 would increase the duration of periods during drought conditions when the Lake Level Contingency Plan would be applied" (page 5-9, line 34). The Final EIS should include a full analysis of the impacts on the lake and downstream of lowering the level at which the two existing reactors, in addition to the proposed Unit 3, must be shut down. Please justify why lowering the shutoff point would not further increase the impacts on the lake, as well as downstream by lengthening the period of time of low-flow from the dam.

Information and analyses on "operational practices and procedures" for mitigating hydrological impacts (page 5-7, line 10) is crucial for determining whether the impacts can be minimized and should be an integral part of the Final EIS.

#### **Increased temperature in Lake Anna (Secs. 5.4.2.4 and 5.4.2.5)**

The addition of another once-through reactor will increase the temperature of Lake Anna, which will affect the striped bass, one of the most thermally-sensitive fish species in the lake. Striped bass prefer temperatures between 65 and 70°F and avoid temperatures above 77-81°F (DEIS, page 5-27, Table 5-7). According to Dominion's models, the "maximum daily surface temperature" near Thurman Island would reach 95.1°F (DEIS, page 5-28, line 4). The "maximum daily surface temperature," however, is calculated as an average of the upper 28 feet of the water column. This ignores the temperature gradient, especially in the lower parts of the first 28 feet water column where the striped bass reside. Striped bass are also sensitive the level of dissolved oxygen in the water, but no dissolved oxygen data is presented in the Draft EIS. The selection of temperature and dissolved oxygen is a balancing act for striped bass. In order to make a real assessment of the impact of additional reactors on the striped bass, vertical profiles of temperature and dissolved oxygen within the upper 28 feet of the water column and need to be provided in the Final EIS.

The Virginia Department of Game and Inland Fisheries, which has stocked striped bass annually in the lake since 1972, considers the current striped bass habitat "tenuous." Although the NRC Staff conclude that the striped bass will be forced "up-lake into areas that provide suitable habitat" for "a three-to-four month period in summer and early fall" (DEIS, page 5-31, line 3), no data was presented that shows that suitable habitat exists in the other areas of the lake. This data should be included in the Final EIS.

If adult striped bass are forced to move to marginal habitat in the northern part of the lake, they could be prevented from feeding normally. Spatial segregation from their forage base and increased metabolic rates could cause loss of condition or starvation. The NRC Staff concludes that the problem can be mitigated by stocking more fish or stocking larger fish. But larger fish are known to be affected by increased temperature, and are often the first to suffer summer "die-offs." While more fish can be stocked, the potential for large fish greater than 10 lbs (or maybe even fish greater than 6 lbs) is greatly reduced with increased temperatures. It would also be very expensive to

significantly increase the annual stock, and Virginia taxpayers should not be held financially responsible. A cost analysis of the stocking proposals should be included in the Final EIS.

Table 5-7 on page 5-27 does not explain why there are two rows of numbers for bluegill and large-mouth bass. According to a similar table in Dominion's ER (Table 5.3-22, page 3.5.91), the two rows are from different sources. Please clarify this in the Final EIS.

Finally, it should not be necessary to refer to Dominion's Environmental Report in order to make sense of the EIS; the relevant temperature modeling tables should be included in the Final EIS. Please also indicate whether (and if so, how) NRC Staff independently verified Dominion's modeling results.

#### **Reduced flow downstream (Sec 5.3)**

Hot water discharged into the lake increases evaporation and thus decreases the amount of water available downstream of the North Anna Dam. In drought years, the amount of water available for downstream use would decrease even further, because there would be significantly less water draining into the lake and higher rates of evaporation. While the minimum flow rate during drought periods is limited to 20 cubic feet per second (20 cfs), an additional once-through reactor would increase the frequency and duration of the low-flow periods from the North Anna Dam. The duration of the low-flow periods (20 cfs) would increase from 5.8 percent to 11.8 percent of the time (ER, Part 3, Table 5.2-3, page 3-5-12). The lowest flow rate at the North Anna dam, which releases only 5.4% of the natural flow, is considered as "severe degradation" according to the Tennant method for flow recommendations.<sup>4</sup> This evaluation should be acknowledged in the Final EIS.

Since there is less precipitation in July, August, and September, the low-flow period is likely to occur during these months. According the NRC Staff, the reduction in water available to be released from the dam will be another "unavoidable adverse impact" (DEIS, page 10-7, Table 10-2), but it would be avoidable if the proposed third reactor was required to have a dry cooling tower. This option should be evaluated in the Final EIS.

According to the Virginia Department of Environmental Quality, another reactor will mean "nearly perennial condition of severe degradation" every fall. Dominion's own model shows that the minimum flow (20 cfs) is expected to occur 10 years out of the 25-year modeling period with a third reactor. With the two existing units, minimum flow (20 cfs) is predicted in only 3 years out of the 25-year modeling period. This will have a serious impact on the downstream aquatic life, as well as increase conflicts over water use by downstream counties in the future. Yet, there is no discussion of how the increased occurrence of minimum discharge will affect on living organisms downstream. For example, a full evaluation of the potential impacts of reduced or variable discharge on the life history stages of the native Pamunkey River striped bass population is warranted, especially due to the fact that the Pamunkey River population is one of the

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<sup>4</sup> Memo from Joseph P. Hassell to Ellie Irons (Virginia Department of Environmental Quality), January 15, 2004, pages 2-3.

healthiest populations in the Chesapeake Bay ecosystem and is being used for propagation for Chesapeake Bay restoration efforts. The impacts of extended periods of low-flow downstream should be fully analyzed in the Final EIS as an integral part of determining site suitability, rather than simply punted to the Commonwealth of Virginia to address after the ESP decision is made.

#### **Increased fish mortality at intake pipes (Sec. 5.4.2)**

Fish and other aquatic life can be killed when caught on the screen of the intake pipe or, for smaller organisms, forced through the intake pipe into cooling water system. With an additional reactor, the number of fish caught, or "impinged," on the mesh screen of the intake pipe would increase by 230%. The number of gizzard shad, the major forage fish, and the number of striped bass killed by impingement would both double. The number of entrained fish larvae would also double, 63% of which would be gizzard shad. The Final EIS should acknowledge that more than doubling the number of entrained larvae would violate the Clean Water Act, which requires the use of best available technology.

Moreover, it is crucial to consider the size and age distributions of the impinged fish in order to understand the impact on the structure and viability of the population. This information should be included in the Final EIS.

The NRC Staff conclude that, because the fish impinged and entrained "most frequently are prolific and exhibit a high reproductive potential, and natural responses of the fish population occur to offset losses," (DEIS, page 5-21, line 11 and page 5-25, line 14) the impacts of impingement and entrainment will be "small." This is nearly word-for-word the conclusion that Dominion provided the NRC regarding impingement in its application (ER, page 3-5-45). In fact, the entire sections on impingement and entrainment are virtually identical to the ER. Please indicate whether (and if so, how) NRC Staff did its own independent assessment of the information that Dominion supplied in its ER.

#### **Shoreline Habitat (Sec. 5.4.1.3)**

Dominion's models predict that the flow from North Anna Dam will be reduced to 20 cfs for 11.8% of the time, compared to 5.3% of the time currently. The impact of increasing periods of extreme low-flow at 20 cfs—not only increased periods of flow at 40 cfs—from the dam on downstream habitat should be fully evaluated in the Final EIS.

#### **Water Quality (Sec. 5.3.3)**

A full analysis of the water quality impacts should be included in the Final EIS, including the list of effluents and discharge levels for Units 1 and 2 allowed under the current VPDES permit, as well as the list of expected effluents and discharge levels for Units 3 and 4.

#### **Thermophilic micro-organisms (Sec. 5.8.1)**

What is the basis for the conclusion that the increased water temperature in Lake Anna caused by the additional cooling structures required for new reactor units at the site would not be sufficient to "create an environment conducive to the optimal growth of

thermophilic organisms,” which can cause primary amoebic encephalitis in humans (DEIS, Sec. 5.8.1)?

#### **Impact on Lake Anna Recreation (Section 5.5.3.4)**

This section fails to adequately consider the potential impacts on recreational use of Lake Anna from the operation of additional reactor units at the NAPS, which may significantly reduce the water levels in Lake Anna and, consequently, adversely affect river flow and aquatic life downstream. New reactor units may also have a negative impact on recreational fishing in North Anna through the effects of increased water temperature and impingement/entrainment, where fish and fish larvae are sucked into the water intake apparatus required to cool reactors at the NAPS.

According to the Virginia Department of Environmental Quality (VDEQ), regardless of a drought, the decreased water level necessary for additional units “would adversely affect lake access, and local economic conditions in the process.”<sup>5</sup> One or two additional units on Lake Anna would reduce lake levels due to increased water withdrawals from the lake, especially in the summer and fall when demand for power and evaporation are higher. This was evidenced during the 2002 drought when the lake level dropped to a mere 245.1 feet above mean sea level, nearly requiring the NAPS to be shut down and preventing the use of most boat ramps (DEIS, page 5-44, lines 9-11).

Recreational fishing use on Lake Anna could also be damaged if the health of fish populations is diminished by the thermal impacts on the lake, as well as increased impingement and entrainment, from additional reactors at the site. These problems, combined with the adverse effects of a reduced river flow downstream from the plant caused by additional reactors, must receive a more thorough consideration in the NRC’s final EIS on the North Anna ESP.

## **Fuel Cycle and Radioactive Waste**

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### **High Level Radioactive Waste**

The Draft EIS fails to evaluate the environmental impacts and security threat of indefinitely storing the additional irradiated fuel that will be generated by the proposed reactors onsite. Another reactor or two at North Anna will each create annually between 100 and 150 metric tons additional irradiated fuel to the site. Despite the NRC’s Waste Confidence Decision, the only site under consideration, Yucca Mountain in Nevada, is far from a done deal. Numerous scientific questions remain about whether the site can safely store waste. Moreover, the Department of Energy (DOE) has not yet submitted its license application to the NRC, although the statutory deadline was more than two years ago. DOE was supposed to begin accepting waste in 1998 and is highly unlikely to meet its revised goal of accepting waste by 2012.

Even if Yucca Mountain is opened, the site cannot hold the high-level radioactive waste that will be generated by existing reactors after 2010. Therefore, in addition to the waste

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<sup>5</sup> Letter from Ellie Irons (Virginia Department of Environmental Quality) to Pamela F. Faggart (Dominion), February 10, 2004, page 11.

generated by existing reactors, waste created by new reactors at North Anna would also have to remain onsite for an indefinite period of time. The NRC recently approved an unprecedented 40-year license extension for Dominion to store high-level nuclear waste on site at its Surry nuclear plant near Williamsburg, VA, indicating that fuel can reasonably be expected to be stored at reactor sites for at least that long. The environmental impacts of indefinite storage must be thoroughly evaluated in the Final EIS.

#### **Spent fuel reprocessing**

The Draft EIS only considers the "no recycle" option for irradiated fuel management, which treats spent fuel as "waste to be stored at a Federal waste repository," and does not consider the "uranium only recycle" option, which involves the reprocessing of spent nuclear fuel (DEIS, page 6-3). Yet, the DOE has had significant setbacks in its attempt to attain a license for a federal repository for irradiated nuclear fuel at Yucca Mountain, Nevada (it has not yet submitted its application for the project), and the federal policy banning the reprocessing of spent nuclear fuel far from intractable. In fact, the DOE was granted more than \$67 million in fiscal year (FY) 2005 for the "Advanced fuel cycle initiative," a research and development program intended to provide technology to "recover the energy content in spent nuclear fuel," and it has requested \$70 million from Congress for FY 2006 for the same program.<sup>6</sup> This continued government interest in reprocessing, combined with the failure to establish a national repository for irradiated nuclear fuel, should compel the NRC to consider the impacts of spent fuel reprocessing in the Final EIS.

#### **Depleted uranium**

The draft EIS lacks a consideration of the environmental and public health impacts resulting from military applications of depleted uranium (DU), a byproduct of the enrichment process of the fuel cycle. Moreover, there is not a complete consideration of the impacts of managing this substance as a waste. There is no repository established for the permanent disposition of depleted uranium, but the impacts of such a hypothetical facility should be considered.

#### **Uranium milling (Sec. 6.1.2.4)**

The Draft EIS estimates that, for the reference reactor-year (a 1000-MW(e) LWR), 1.09 Million MT of raw ore would be required to produce 1200 MT of yellowcake for ultimate use as fuel after conversion, enrichment, and fabrication (DEIS, Sec. 6.1.2.5). Over time, as worldwide uranium ore supplies are depleted, requiring exploitation of less pure deposits of ore, would this ratio of ore to yellowcake increase? If so, would the environmental impacts of mining and milling become greater?

#### **Transportation accidents (Sec. 6.2)**

This section and the accompanying Appendix G of the Draft EIS do not give adequate weight and consideration to the possibility and consequences of severe accident scenarios

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<sup>6</sup> U.S. Department of Energy, Office of Management, Budget and Evaluation/CFO, *Department of Energy FY 2006 Congressional Budget Request: Budget Highlights*, DOE/ME-0053 (Washington: DOE, Feb. 2005) 60-63.

resulting from the transportation of spent nuclear fuel. The possibility of extreme accidents, while slight, exists, as evidenced by recent incidents such as the Baltimore train tunnel fire of 2001 and the more recent accident in Graniteville, South Carolina in January, where a violent train crash and release of chlorine killed nine people, sent hundreds to the hospital, and required thousands to evacuate their homes.

## **Construction Impacts**

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### **Impact on Wetlands (Sec. 4.1.1)**

Existing wetlands, streams, and woodlands on the North Anna site may be adversely affected by construction activities for the proposed Units 3 and 4 (DEIS, page 4-2, lines 20-23). Dominion's ER for the North Anna ESP observes, "Any work that has the potential to impact a wetland would be performed in accordance with the applicable regulatory requirements." (ER, Sec. 4.1.1.6.2) This is repeated almost word-for-word in the draft EIS at Section 4.1.1. The ER concludes, without supporting evidence, "Therefore, no construction-related impacts on water courses or wetlands would result" (ER, Part 3, Sec. 4.1.1.6.2). Does it necessarily follow that "applicable regulatory requirements" will preclude any negative impacts on wetlands? A more trenchant analysis of the question is deserved in the Final EIS, especially since Dominion provided no information on wetlands in its ER (DEIS, Sec. 4.3.1, line 9). Please explain the mitigation measures that will be employed to achieve this end.

### **Construction impacts on groundwater (Secs. 4.3.1 and 4.3.2)**

The dewatering systems used during construction of the foundation of new reactors and associated buildings would "depress the water table in the vicinity and possibly change the direction of groundwater flow and the available capacity of local wells" (DEIS, Sec. 4.3.1, lines 20-22). What would be the approximate duration of this depression, and how many local groundwater users would be affected, including those users who might have their water diverted from the importation that may be required (DEIS, Sec. 4.3.2, line 35)?

### **Impact on aquatic ecosystems (Sec. 4.4.2)**

According to the Draft EIS, the greatest construction impact on the aquatic environment of Lake Anna would come from the construction of the new cooling water intake structure and channel (DEIS, Sec. 4.4.2, lines 35-36), which would require activities such as dredging that could result in a loss of habitat (DEIS, page 4-12) as well as the possible resuspension of heavy metals left from mining activities. The mining runoff had previously contaminated Contrary Creek and parts of the North Anna River downstream such that virtually no aquatic life existed, and the contaminants may still remain in the region's sedimentation (DEIS, pages 4-12 and 4-13). The Draft EIS notes that any potential impacts from these activities "would be addressed through the Clean Water Act Section 404 permit and Section 401 verification process" (page 4-13, lines 22-24). Is this considered a mitigation measure?

Dredging and other construction allowed under an ESP may also resuspend PCBs, which are known contaminants in Lake Anna. A full analysis of PCBs in the sediments near the site and the impact of construction should be included in the Final EIS.

#### **Water Supply (Sec. 4.5.3.6)**

The Draft EIS acknowledges that even without the construction of new reactor units at North Anna, there may not be sufficient water and sewer infrastructure in the region to keep up with the expected growth. Further, a recent drought has exacerbated a shortage in the availability of water supplies in Louisa and Orange Counties, where there are no growth restrictions (DEIS, Sec. 4.5.3.6). Thus, the NRC staff has judged that the construction of new reactor units at the NAPS may have "moderate" impacts (page 4-31, line 34). Given this conclusion, the environmental impacts of extending services in Orange and Louisa Counties should be considered, as well as measures to mitigate those impacts.

#### **Socio-economic Impacts of Construction**

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##### **Development and population increase (Sec. 4.5.2)**

Citing the comprehensive plan developed for Louisa County, the Draft EIS notes that "it is the goal of the Louisa County Board of Supervisors (LCBS) to preserve the rural character of Louisa County" (page 4-17, lines 14-16). But the construction of new reactor units at the North Anna site would require an additional workforce of up to 5,000 individuals (DEIS, Sec. 4.2.2), and the operation of such reactors would require a workforce of an additional 720 persons, which would increase the regional population by an estimated 2,900, assuming each worker represents a family of four (DEIS, Sec. 5.5.2). The Draft EIS states that the influx of construction workers would require the "conversion of some land in surrounding areas to housing developments (e.g., apartment buildings, single family condominiums and homes, manufactured home parks, and recreational vehicle parks) to accommodate construction workers and the addition of new retail developments" (page 4-2, lines 33-36). Even without the construction of the new reactor units, the population of Louisa County is expected to grow by 13 percent in the next five years and another 15 percent between 2010 and 2020 (DEIS, Sec. 4.5.1.3); moreover, the regional population is expected to grow by over 1 million by 2040. Is this degree of development consistent with the wishes and plans described in the LCBS to preserve the "rural character" of the region? Considering the desires of the LCBS, how does the NRC consider these impacts to be "small" (page 4-21, line 4)?

##### **Housing (Section 4.5.3.5)**

According to this section of the draft EIS, the construction workforce required to build new reactor units at the NAPS could reach 5,000, and there is a shortage of housing in Louisa and Orange Counties. Yet the building of new rental units to accommodate the influx of workers is not expected (though this seems to be contradicted by assertions to the contrary on page 4-2, lines 32-37), and, as a result, rents may increase and "some low-income populations could be priced out of their rental housing" (DEIS, page 4-30, lines 11-12). Nevertheless, the NRC staff opines that construction of new reactor units at the site will be "economically beneficial" for "disadvantaged population segments,"

concluding that impacts on housing will be “small” and mitigation measures are not warranted. Would it not be prudent to recommend the establishment of additional and/or affordable housing in the region in order to prevent a shortage?

#### **Traffic impacts (Sec. 4.5.3.2)**

Construction activities associated with adding additional reactor units to the NAPS site would require an additional workforce of 5,000 (DEIS, § 4.2.2, line 26), bringing the total peak workforce at the site to 7,000 during reactor outages, requiring roughly 3,900 transport vehicles (ER, Part 3, Sec. 4.4.2.2.1(d)) – representing a “major increase in traffic” in certain places (draft EIS, page 4-24, lines 4-5). Despite this dramatic increase in traffic to and from the site, the draft EIS describes the transportation impacts of the proposed action to be “small” and proposes no additional mitigation measures beyond Dominion’s traffic management plan (draft EIS, § 4.2.2, lines 5-8), which may not fully alleviate traffic congestion (page 4-23, line 35). There are no plans to build new roads or alter current roads, despite existing congestion on roads around Lake Anna (draft EIS, page 4-19, line 17). Would not this dramatic increase in traffic alter the “rural character” of Louisa County that the Louisa County Board of Supervisors wants to preserve (draft EIS, page 4-17, lines 14-16)? Furthermore, how can the NRC claim to predict the sufficiency of existing regional roads to support construction activities, considering that the potential for a dramatic increase in population over the next 20 years (*see* draft EIS, Table 2-5), the duration of the ESP?

Furthermore, how can the NRC claim to predict the sufficiency of existing regional roads to support construction activities, considering the potential for a dramatic increase in population over the next 20 years (DEIS, Table 2-5), the duration of the ESP?

A measure propounded in the Draft EIS to mitigate traffic impacts from the construction of new reactors at the North Anna site is the widening of a country road, SR 700 (page 4-24, lines 30-32). For what section and length of roadway would this be required, and what environmental impacts would be expected? What would be the impact on property owners along the route?

What potential effects could the institution of electric utility deregulation in Virginia have on the taxation of Dominion and the NAPS? It is suggested on page 5-42 of the draft EIS that deregulation may affect the amount of property taxes paid by Dominion.

### **Historic and Cultural Resources**

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#### **Historic and cultural resources (Sec. 4.6)**

Parts of the North Anna site that would be used for new reactors and related facilities have been identified as having a “Moderate-to-High” potential for containing historic or cultural resources (DEIS, page 4-35, lines 33-39). What is the basis for this assessment, and what sort of mitigation measures would be employed should such resources be discovered? Further, what is the nature of the communications with Native American tribes that have concluded the probable absence of any significant traditional properties or cultural resources?

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## **Worker Safety**

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### **Radiation exposure (Section 4.9.1)**

The DEIS wholly incorporates the calculations and analyses of Dominion regarding the expected routine level of radiation exposure to construction workers building new reactor units and their appurtenant facilities at the NAPS. Has the NRC staff conducted independent reviews to verify the accuracy of Dominion's calculations? Further, has Dominion or the NRC contemplated accident scenarios and their potential affect on a construction workforce that could be as large as 5,000 people?

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## **Air**

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### **Air Quality (Sec. 2.3.2)**

Please list the non-radiological emissions and amounts that are permitted to be released from the existing plants under the Exclusionary General Permit, as well as the 2000 emission statement. What are the expected emissions with two additional reactors at the site? The DEIS (page 2-17, lines 1-4) states that "additional records to be submitted along with a certification for all emission sources" and that "the additional emissions are expected to be limited to a short test period." Please clarify the phrase "short test period."

### **Meteorological and Air Quality Impacts (Sec. 5.2)**

Please list the "bounding values" of the non-radiological pollutants that would be permitted to be released during auxiliary boilers and generators from the proposed new reactors.

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## **Terrestrial Resources**

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### **Transmission Line Rights-of-Way (Secs. 5.1.2 and 5.4.1.4)**

The NRC staff is assuming that "the existing transmission lines are adequate and new transmission lines will not be needed" (page 5-2, line 1-11). This is yet another example in the Draft EIS of putting off important analyses, in this case a load flow study, until the COL stage. Determining whether there is sufficient capacity on the existing transmission lines is crucial for analyzing whether the land-use impacts to offsite areas will be significant – obviously an important siting issue. Therefore, this analysis should be done for the Final EIS, and the impacts on terrestrial resources (Sec. 5.4.1.4) and threatened species (Sec. 5.4.3) of building one or more additional transmission lines should be fully considered.

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## **Plant Parameter Envelope**

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Dominion is not required to choose a specific reactor design in its ESP application, and instead, has selected a range of designs to set a "plant parameter envelope" (DEIS, Sec. 3.2, page 3-3). The fact that none of the reactors that Dominion is using to set its design parameters have ever been built in the U.S. should be explicitly stated in the Final EIS.

### **Taxes (Sec. 4.5.3.3)**

According to the Draft EIS, no quantitative assessment of the impact on regional tax revenue can be provided at this time because Dominion has not yet selected the type of reactor it would build at the North Anna site. This is yet another example of the arbitrariness of the licensing division between ESPs and COLs, a separation that precludes a complete analysis of the environmental impacts that would be produced from the construction and operation of new reactors at the North Anna site (or any reactor site, for that matter).

## **Issues Missing from the Draft EIS**

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### **Vulnerability to terrorism**

Nuclear power plants have known vulnerabilities to terrorist attack and sabotage. According to the 9/11 Commission Report, al Qaeda specifically discussed targeting U.S. nuclear plants. Fuel storage pools, dry storage facilities, and reactor control rooms are not designed to withstand the type attack that occurred on September 11, 2001. The Government Accountability Office (GAO) concluded in recent testimony before the U.S. Senate that cargo and general aviation airfields, three of which are located very close to the North Anna Site (DEIS, page 2-10), are more vulnerable to security breaches than commercial airports.<sup>7</sup> Ignoring the threat because it is "highly speculative"<sup>8</sup> does not make the threat go away, and indicates one shortfall of using an exclusively risk-based approach.

One possible security measure to protect the reactor from assault by aircraft is to place a reactor below ground level. Therefore, an analysis in the Draft EIS of the suitability of the site to place the reactor containment below-grade level should be done, which would require an in-depth analysis of geological and hydrological conditions at the site.

Does the range of severe accidents that could occur at the North Anna site with the addition of reactor Units 3 and 4 (DEIS, Section 5.10.2) include an external attack on the scale of the one that occurred on September 11, 2001 at the World Trade Center in New York City, where hijacked aircraft were employed to destroy two very large office towers? If not, would such an attack be bound by the accidents considered in the Draft EIS, or would such an event require a unique analysis?

### **Need for Power and Who Benefits**

According to NRC regulations [10 CFR 52.17(a)(2)], the need for power does not have to be addressed in the ESP process. But an evaluation of the need for power and who benefits is crucial to determining whether the ESP application should be considered at all. In fact, the first question that should be asked is whether residents of Virginia will receive

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<sup>7</sup> *Aviation Security: Improvement Still Needed in Federal Aviation Security Efforts*, Testimony of Norman J. Rabkin Before the Subcommittee on Aviation, Committee on Commerce, Science and Transportation, U.S. Senate, Government Accountability Office, GAO-04-592T, March 30, 2004.

<sup>8</sup> Nuclear Regulatory Commission, *In the Matter of Private Fuel Storage L.L.C.*, Docket No. 72-22-ISFSI, (CLI-02-25), page 13, December 18, 2002.

any of the benefit of new reactors. Pending approval of the North Carolina Utilities Commission, Dominion will join the PJM interconnection. PJM is the largest regional transmission organization (RTO) in the U.S., and currently coordinates the movement of electricity in all or parts of Delaware, Illinois, Indiana, Kentucky, Maryland, Michigan, New Jersey, Ohio, Pennsylvania, Tennessee, Virginia, West Virginia and the District of Columbia. The Final EIS should include an analysis of what the PJM will mean for Virginia ratepayers, including the fact that Dominion is likely to export the electricity generated by the new reactors at North Anna to other states such as New Jersey where electricity prices are twice as high as Virginia and revenues will be greater.

## **Other Issues**

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### **“Best Management Practices”**

Please define the term “best management practices,” which occurs throughout the draft EIS.

### **Electromagnetic fields and electric transmission line capacity**

Since it is possible to make a reasonable estimate of the electric generation output from additional reactors at the North Anna site, why is Dominion allowed to wait until the COL licensing stage to determine whether transmission lines from the site meet the requirements of the National Electric Safety Code (NESC) regarding electrostatic effects from operation (DEIS, Sec. 5.8.4)? The maximum steady-state current allowed by the NESC is 5 mA root mean square (rms), and the current from Units 1 and 2 was found to range as high as 4.95 mA (§ 5.8.4, line 26), so is it reasonable to assume that increased capacity from two new units at the site would exceed NESC standards for electrostatic fields? If so, why is this issue not being addressed at this stage in the licensing process?

Further, the National Institute of Environmental Health Sciences (NIEHS) has determined that electromagnetic fields may pose a leukemia hazard in human populations (draft EIS, page 5-55, lines 1-3). Would a stronger electromagnetic field produced by increased voltage capacity on the transmission lines from the NAPS amplify this hazard?

From: <sheebeeward@hotmail.com>  
 To: <northanna\_esp@nrc.gov>  
 Date: Mon, Mar 7, 2005 4:34 AM  
 Subject: DENY Dominion's application for an Early Site Permit

ROB Rec'd

3/9/05

(687)

12/10/04

69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly and will raise water temperatures harming game fish.

Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

Heather Taplin  
 181 Davis Lake Rd  
 Winthrop, WA 98862-9733

SISP Review Complete  
 Template = ADM-013

E-RIDS = ADM-03  
 add: J. Cushing (JXC9)  
 A. Williamson (ARW)

1084

**From:** <olmossantana@yahoo.es>  
**To:** <northanna\_esp@nrc.gov>  
**Date:** Mon, Mar 7, 2005 4:24 AM  
**Subject:** DENY Dominion's application for an Early Site Permit

RDB Rec'd

3-9-05

(688)

12-10-04

69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,  
 José M<sup>a</sup> OlmosC/Domingo Martinez 3, 4A  
 Valladolid, UN 47007  
 Spain

SISP Review Complete

Template = ADM-013 **1085**

E = RIPS = ADM.03

Add J Cushing (JXC9)

A. Williamson (ARW)

From: "Ruth Miller" <silverstein.miller@worldnet.att.net>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Sun, Mar 6, 2005 11:52 PM  
 Subject: No nuclear power plant in North Anna

March 06, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

Currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

Ruth Miller  
 9450 Ridge Blvd  
 Brooklyn, NY 11209-6708  
 USA  
 silverstein.miller@worldnet.att.net

RDB Rec'd

3-9-05

689

12-10-04

69 FR 71854

SISP Review Complete  
 Template - ADM-013

1086

ERIOS = ADM-03  
 add J. Cushing (JXC9)  
 A. Williamson (ARW)

ROB Rec'd

3-9-05

(690)

From: <apac4@knology.net>  
To: <northanna\_esp@nrc.gov>  
Date: Sun, Mar 6, 2005 7:38 PM  
Subject: DENY Dominion's application for an Early Site Permit

12-10-04

69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

John and Kim Ackerman  
1261 Cross Creek Road  
Prattville, Al: Florida R, FL 32548

SISP Review Complete  
Template-ADM-013

---

1087

ERIDS=ADM-03

Add J. Cushing (JKC)

A. Williamson (ARW)

From: <feminamaxima@hotmail.com>  
 To: <northanna\_esp@nrc.gov>  
 Date: Sun, Mar 6, 2005, 6:06 PM  
 Subject: DENY Dominion's application for an Early Site Permit

RDB Rec'd  
 3-9-05 (691)  
 12-10-04  
 69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Sincerely,

Roselind Heinekamp  
 4202 Deer Park Rd  
 Randallstown, MD 21133-1702

ERIPS = ADM-03  
 Add J Cushing (JXC8)  
 Williamson (ARWI)

SISP Review Complete  
 Template - ADM-013

1088

From: <cowtacus@yahoo.com>  
 To: <northanna\_esp@nrc.gov>  
 Date: Sun, Mar 6, 2005 5:36 PM  
 Subject: DENY Dominion's application for an Early Site Permit

ROB Rec'd  
 3-9-05

(692)

12-10-04

69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Sincerely,

Kerry Schindl  
 N6648 Lorraine Rd  
 Delavan, WI 53115-2560

SISP Review Complete  
 Template - ADM-013

ER105 - ~~ADM-03~~ ADM-03  
 1089  
 Rushing (JXC9)  
 Williamson (ARWD)

RDB Rec'd  
3-9-05 (693)

From: <lcdoe32@yahoo.com>  
To: <northanna\_esp@nrc.gov>  
Date: Sun, Mar 6, 2005 5:22 PM  
Subject: DENY Dominion's application for an Early Site Permit

12-10-04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Sincerely,

Lorna Doering  
1630 Bultman Rd Apt 208  
Madison, WI 53704-3677

SISP Review Complete  
Template - ADM-013

1090

ERIDS - ADM-03  
Add - J. Cushing (JXC9)  
Williamson (ARW)

From: <mlhslp@aol.com>  
 To: <northanna\_esp@nrc.gov>  
 Date: Sun, Mar 6, 2005 2:42 PM  
 Subject: DENY Dominion's application for an Early Site Permit

RDB Rec'd

3-9-05 (694)

12-10-05

69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Sincerely,

Marcia Hoodwin  
 8236 SHADOW PINE WAY  
 SARASOTA, FL 34238-5618

SISP Review  
 Complete

Template - ADM-013

ERIDS-ADM-03  
 Add J. Cushing (JXC9)  
 P. Williamson (ARWI)

1091

RDB Rec'd

3-9-05

(695)

From: <alizydeco@earthlink.net>  
 To: <northanna\_esp@nrc.gov>  
 Date: Sun, Mar 6, 2005 2:30 PM  
 Subject: DENY Dominion's application for an Early Site Permit

12-10-04

69 PR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Sincerely,

Alicia Jaffe  
 824 1/2 Evelyn Ave  
 Albany, CA 94706-1721

ER10S-ADM-03

Add J. Cushing (JXC9)

? Williamson (ARWI)

1092

SISP Review Complete  
 Template ADM-013

From: "-biff- Michael Appia" <biff777@hotmail.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Sun, Mar 6, 2005 12:42 PM  
 Subject: No nuclear power plant in North Anna

RDB Rec'd

3-9-05

(696)

March 06, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12-10-04

69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

Currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

-biff- Michael Appia  
 108 E Bridgeport Ave  
 Spokane, WA 99207-1909  
 USA  
 biff777@hotmail.com

ERIOS-ADM-03  
 Add g. Cushing (JXC9)

Q. Williamson (ARWI)

SISP Review Complete  
 Template - ADM-013

1093

From: <irishwolfhounduc@msn.com>  
 To: <northanna\_esp@nrc.gov>  
 Date: Sun, Mar 6, 2005 3:38 AM  
 Subject: DENY Dominion's application for an Early Site Permit

ROB Rec'd

3-9-05

(697)

12-10-04

69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Sincerely,

Joseph Calhoun  
 3232 Fordham Rd  
 Philadelphia, PA 19114-3805

SISP Review Complete

~~AD~~ Template - ADM-013

1094

ER105-ADM-03

A. J. Cushing (JXC9)

A. Williamson (ARW)

From: <luminaryphotography@yahoo.com>  
 To: <northanna\_esp@nrc.gov>  
 Date: Sun, Mar 6, 2005 2:11 AM  
 Subject: DENY Dominion's application for an Early Site Permit

RDB Rec'd

3-9-05

(698)

12-10-04

69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Sincerely,

Rachael Sterlin  
 1014 18th St  
 Santa Monica, CA 90403-4407

SISP Review Complete  
 Template - ADM.013

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1095

ERIDS-ADM.03  
 old J. Lushington (JXC9)  
 C. Williamson (ARWI)

RDB Rec'd  
3-9-05  
(699)

From: <lightsup@yahoo.com>  
To: <northanna\_esp@nrc.gov>  
Date: Sun, Mar 6, 2005 1:30 AM  
Subject: DENY Dominion's application for an Early Site Permit

12-10-04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Sincerely,

David Boone  
1725 Toomey Rd Apt 309  
Austin, TX 78704-1006

SISP Review Complete  
Template - ADM-013

1096

ERIOS-ADM-03  
Add J. Cushing (JXC9)  
A. Williamson (ARWI)

RDB Rec'd  
3-9-05

(700)

**From:** <griffmiller@redjellyfish.net>  
**To:** <northanna\_esp@nrc.gov>  
**Date:** Sat, Mar 5, 2005 3:33 PM  
**Subject:** DENY Dominion's application for an Early Site Permit

12-10-04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Instead of nuclear, why not partner with renewable energy companies or start your own renewables division? I choose to get my power, not from Dominion, but from Pepco because they offer 100% renewable wind energy. It's renewable and there's no waste--you can't beat that!

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly and will raise water temperatures harming game fish.

Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

Griff Miller  
 731 Muskogee Ave  
 Norfolk, VA 23509-1613

SISP Review Complete  
 Template ADM-013

1097

ERIS-ADM-03  
 add g. Cushing (JK9)  
 G. Williamson (ARW)

RDB Rec'd  
3-9-05

(701)

From: <mad4powder@freeskiing.com>  
 To: <northanna\_esp@nrc.gov>  
 Date: Sat, Mar 5, 2005 2:43 PM  
 Subject: DENY Dominion's application for an Early Site Permit

12-10-04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Sincerely,

Carsten Hansen  
 217 18th Ave  
 Kirkland, WA 98033-4937

SISP Review Complete  
 Template - ADM-013

CRIS-ADM-03  
 "A" J. Lushington (JXC9)  
 1098 Williamson (ARWI)

RDB Rec'd  
3-9-05  
702  
12-10-04  
69 FR 71854

**From:** <frankhammond1@yahoo.com>  
**To:** <northanna\_esp@nrc.gov>  
**Date:** Sat, Mar 5, 2005 1:26 PM  
**Subject:** DENY Dominion's application for an Early Site Permit

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Sincerely,

Frank Hammond  
8126 E Highway 60  
Salt Lick, KY 40371-8716

SISP Review Complete  
Template - ADM-013

1099

ERIOS = ADM-03  
add G. Cushing (JXC9)  
A. Williamson - (NRU)

RDB Rec'd

3-9-05

703

12-10-04

69 FR 71854

From: <sa\_brady@comcast.net>  
To: <northanna\_esp@nrc.gov>  
Date: Sat, Mar 5, 2005 1:16 PM  
Subject: DENY Dominion's application for an Early Site Permit

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Sincerely,

Sean Brady  
26060 SW Canyon Creek Rd Apt 1  
04  
Wilsonville, OR 97070-7675

SISP Review Complete  
AA  
Template - ADM-013

ERIS-ADM-03  
wdg. Cushing (JXC9)  
J. Williamson (ARW)

1100

ADB Rec'd

3-9-05

764

From: <mrdge@msn.com>  
 To: <northanna\_esp@nrc.gov>  
 Date: Sat, Mar 5, 2005 12:59 PM  
 Subject: DENY Dominion's application for an Early Site Permit

12-10-04

69 FR 71854

Dear US Nuclear Regulatory Comm,

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Sincerely,

Devin Evert  
 9009 Arthur Ct  
 Glen Allen, VA 23060-4922

SISP Review Complete  
 Yemplate. ADM-013

ERIS-ADM-03  
 add J. Cushing (JXC9)  
 C. Williamson (ARWI)

1101

RDB Rec'd  
3-9-05

705

From: <passingbear@earthlink.net>  
To: <northanna\_esp@nrc.gov>  
Date: Sat, Mar 5, 2005 11:14 AM  
Subject: DENY Dominion's application for an Early Site Permit

12-10-04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly and will raise water temperatures harming game fish.

Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

Michael Allen  
73 Calvert Ave  
South San Francisco, CA 94080-1131

ERIDS-ADM-03  
add J. Cushing (JXC9)  
Williamson (ARW)

SISP Review Complete  
Template-ADM-013

1102

From: <patrickandjulie@hotmail.com>  
 To: <northanna\_esp@nrc.gov>  
 Date: Sat, Mar 5, 2005 10:42 AM  
 Subject: DENY Dominion's application for an Early Site Permit

RDB Rec'd

3-9-05

(706)

12/10/04

69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly and will raise water temperatures harming game fish.

Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

Julie Kissel  
 24882 Summerwind  
 Dana Point, CA 92629-1844

SISP Review Complete  
 Template-ADM-013

ER105-ADM-03  
 add J Cushing (JYCO)  
 G. Williamson (ARWI)

1103

From: "Charlotte Lundemo" <charlotte@computercoop.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Sat, Mar 5, 2005 10:32 AM  
 Subject: Please find an alternative to the North Anna nuclear project

March 05, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

Currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

Charlotte Lundemo  
 597 Warrior Trl  
 Jackson, MS 39216-3227  
 USA  
 charlotte@computercoop.com

ER105-ADM-03  
 add g Cushing (JVC9)  
 A. Williamson (ARWI)

SISP Review Complete  
 Template: ADM-013

1104

RDB Rec'd  
 3/9/05

(707)

12/10/05

89 FR 71854

RDB Rec'd

3-9-05

(768)

From: <darktranquility\_79@yahoo.com>  
 To: <northanna\_esp@nrc.gov>  
 Date: Sat, Mar 5, 2005 10:31 AM  
 Subject: DENY Dominion's application for an Early Site Permit

12-10-04

69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly and will raise water temperatures harming game fish.

Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

Dawn Surowski  
 23039 Canyon Lake Dr S  
 Canyon Lake, CA 92587-7592

SISP Review Complete  
 Template - ADM-013

1105

ERIOS-ADM 03  
 add J. Cushing (JXC9)  
 A. Williamson (ARW)

From: <miaes@mail.com>  
 To: <northanna\_esp@nrc.gov>  
 Date: Sat, Mar 5, 2005 10:29 AM  
 Subject: DENY Dominion's application for an Early Site Permit

RDB Reed  
 3-9-05  
 12-10-04  
 69 FR 71854  
 (709)

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly and will raise water temperatures harming game fish.

Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

Mia Stollenwerk  
 805 State St Apt 21  
 La Crosse, WI 54601-0803

ESP Review Complete  
 Template- ADM-013

1106

ERIS- ADM03  
 Carol J. Cushing  
 (JYC9)

A. Williamson (ARW)

From: <edstahl@swbell.net>  
To: <northanna\_esp@nrc.gov>  
Date: Sat, Mar 5, 2005 8:08 AM  
Subject: DENY Dominion's application for an Early Site Permit

ADB Rec'd  
3-9-05 (710)

12-10-04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

We need to get serious about our long-term energy demands and Nuclear Reactors are not the answer.

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly and will raise water temperatures harming game fish.

Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

Edgar Stahl  
1507 Ambleside Ln  
Richardson, TX 75082-3041

SISP Review Complete  
Template-ADM-013 1107

ERIOS-ADM-03  
Add J. Cushing (JYC9)  
A. Williamson (ARW)

RDB Ree'D  
3-9-05

711

From: <glenn\_mllr@yahoo.com>  
To: <northanna\_esp@nrc.gov>  
Date: Fri, Mar 4, 2005 11:30 PM  
Subject: DENY Dominion's application for an Early Site Permit

12-10-04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

Glenn Miller  
PO Box 56  
Fortine, MT 59918-0056

SISP Review Complete  
Template-ADM-013

1108

ERIOS-ADM-03  
Add J. Cushing (JXC9)  
A. Williamson (ARW)

From: <rfoome1@yahoo.com>  
To: <northanna\_esp@nrc.gov>  
Date: Fri, Mar 4, 2005 10:35 PM  
Subject: DENY Dominion's application for an Early Site Permit

RDB Rec'd  
3.9.05

(712)

12-10-04

69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

Roberta Froome  
5531 La Cuenta Dr  
San Diego, CA 92124-1418

ERIDS-ADM-03  
Add JCushing (JXC9)

1109 ..Williamson (ARW)

SISP Review Complete  
Template-ADM-013

RDB Rec'd  
3-9-05

(713)

From: <bassoonguy@cox.net>  
 To: <northanna\_esp@nrc.gov>  
 Date: Fri, Mar 4, 2005 10:25 PM  
 Subject: DENY Dominion's application for an Early Site Permit

12-10-04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

Matt Legler  
 6015 Ridge Ford Dr  
 Burke, VA 22015-3650

SISP Review Complete  
 Template - ADM-013

ERIS-ADM-03  
 Add J Cushing (JXC9)  
 G. Williamson (ARWI)

1110

RDB:Rec'd  
3-9-05

(714)

From: <carla.osborne@smiths-medical.com>  
To: <northanna\_esp@nrc.gov>  
Date: Fri, Mar 4, 2005 9:39 PM  
Subject: DENY Dominion's application for an Early Site Permit

12-10-04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly and will raise water temperatures harming game fish.

Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

Carla Osborne  
PO Box 306  
Gilsum, NH 03448-0306

SISP Review Complete  
Template-ADM-013

ERIDS - ADM-03  
add J. Cushing  
(JXC9)

A. Williamson  
(ARW)

1111

From: "nancy spears" <wolffree1@aol.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Mar 4, 2005 9:22 PM  
 Subject: Please find an alternative to the North Anna nuclear project

March 04, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

Currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

nancy spears  
 15 Southgate Dr  
 Bossier City, LA 71112  
 USA  
 wolffree1@aol.com

SISP Review Complete  
 Template = ADM-013

1112

RDB Rec'd  
 3-9-05

(715)

12/10/04  
 69 FR 71854

ERIOS = ADM-03  
 add J. Cushing (JXC9)  
 A. Williamson (ARW)

RDB Rec'd  
3-9-05

From: <deerandolph@yahoo.com>  
To: <northanna\_esp@nrc.gov>  
Date: Fri, Mar 4, 2005 8:25 PM  
Subject: DENY Dominion's application for an Early Site Permit

12-10-04 (716)  
69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly and will raise water temperatures harming game fish.

Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

Dee Randolph  
12059 Andy Mountain Rd  
Yankee Hill, CA 95965-9001

SISP Review Complete  
Template ADM-013

ERIS = ADM-03  
add J. Cushing (JYCG)  
A Williamson (ARWI)

1113

From: <revathia@hotmail.com>  
 To: <northanna\_esp@nrc.gov>  
 Date: Fri, Mar 4, 2005 6:36 PM  
 Subject: DENY Dominion's application for an Early Site Permit

ROB Rec'd  
 3-9-05  
 12-10-04  
 69 FR 71854  
 (717)

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly and will raise water temperatures harming game fish.

Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

revathi ananthakrishnan  
 2255 Sycamore Ln Apt 17  
 Davis, CA 95616-5559

SISP Review Complete  
 Template - ADM-013

1114

ERIS - ADM-03  
 add: ~~ERS~~  
 J. Cushing (JXC9)  
 A. Williamson (ARWI)

RDB Rec'd  
3-9-05

From: <rbernatz@hotmail.com>  
 To: <northanna\_esp@nrc.gov>  
 Date: Fri, Mar 4, 2005 5:20 PM  
 Subject: DENY Dominion's application for an Early Site Permit

12-10-04 (718)  
69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly and will raise water temperatures harming game fish.

Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

Rachel Bernatz  
 5834 N Glenwood Ave  
 Apt. 1S  
 Chicago, IL 60660-3440

SISP Review Complete  
 Template - ADM-013

1115

ERIDS - ADM-03  
 add J. Cushing  
 (5X09)  
 A. Williamson (ARW)

RDB Rec'd  
3-9-05

(719)

**From:** "pete lafoillette" <plafollette@yahoo.com>  
**To:** "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
**Date:** Fri, Mar 4, 2005 4:02 PM  
**Subject:** Please find an alternative to the North Anna nuclear project

March 04, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12-10-04  
69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

Currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

pete lafoillette  
 915 W Micheltorena St  
 Santa Barbara, CA 93101  
 USA  
 plafollette@yahoo.com

ERIDS - Adm-03

Add J. Cushing (Jxcg)  
A. Williamson

(ARWI)

SIS Review Complete  
Template-ADM-013

1116

RBB received

3/9/05

From: "Charles Rettiger" <crettiger@hotmail.com>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Wed, Jan 19, 2005 3:43 PM  
Subject: Reconsider the Lake Anna Early Site Permit

720

January 19, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04  
69FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

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Thank you sincerely for your time.

Sincerely,

Charles Rettiger  
700 Washington St W Apt 507  
Gainesville, GA 30501-3584  
USA  
crettiger@hotmail.com

E-RIDS = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

SISP Review Complete

Template = ADM-013

1117

RDB received

3/9/05

721

From: "Eve Venema" <accordioneve@hotmail.com>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Wed, Jan 19, 2005 3:43 PM  
Subject: Reconsider the Lake Anna Early Site Permit

January 19, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

Eve Venema  
2637 Golfridge Dr SE  
Grand Rapids, MI 49546  
USA  
accordioneve@hotmail.com

E-RIDJ = Adm-03

Add J. Cushing (Jxc9)

A. Williamson (ARW1)

SISP Review Complete

Template = Adm-013

1118

RDB received

3/9/05

From: "Tavis Schmidt" <tavisschmidt@hotmail.com>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Wed, Jan 19, 2005 4:04 PM  
Subject: No nuclear power plant in North Anna

722

January 19, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Tavis Schmidt  
711 W Santa Fe Ave  
Flagstaff, AZ 86001-5324  
USA  
tavisschmidt@hotmail.com

SISP Review Complete

Template = ADM-013

E-RIDS = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

RDB received  
3/9/05

From: "chris spahn" <bud0011@aol.com>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Wed, Jan 19, 2005 7:32 PM  
Subject: Please find an alternative to the North Anna nuclear project

723

January 19, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04  
69FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

chris spahn  
312B Ford Hall  
Oneonta, NY 13820-1765  
USA  
bud0011@aol.com

SISP Review Complete  
Template = Adm-013

1120

E-RIDS = Adm-03  
Add J. Cushing (JXC9)  
A. Williamson (ARW1)

RO B received

3/9/05

From: "Juliana Radloff" <jewlzzzz1@yahoo.com>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Wed, Jan 19, 2005 8:02 PM  
Subject: Please find an alternative to the North Anna nuclear project

724

January 19, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04

69FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Juliana Radloff  
1111 Virginia Ave Apt C3  
Harrisonburg, VA 22802-2540  
USA  
jewlzzzz1@yahoo.com

SISP Review Complete

Template = ADM-013

1121

E-RIDS = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

From: "Julie Bond" <juliekaybond@yahoo.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Wed, Jan 19, 2005 8:22 PM  
 Subject: Reconsider the Lake Anna Early Site Permit

ROB received

3/9/05

725

January 19, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

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Thank you sincerely for your time.

Sincerely,

Julie Bond  
 375 Liguori Rd  
 Edgerton, WI 53534-9331  
 USA  
 juliekaybond@yahoo.com

SIS Review Complete

Template = Adm-013

E-R103 = Adm-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

1122

From: "Suzanne Sievers-Bartlett" <ssievers@loyno.edu>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Wed, Jan 19, 2005 9:12 PM  
Subject: No nuclear power plant in North Anna

ROB received  
3/19/05

226

January 19, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04  
69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Suzanne Sievers-Bartlett  
206 Metairie Heights Ave  
Metairie, LA 70001  
USA  
ssievers@loyno.edu

SISP Review Complete

Template = ADM-013

E-RIDS = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

1123

From: "Jennifer Doob" <jkdoophi@aol.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Wed, Jan 19, 2005 10:22 PM  
 Subject: Reconsider the Lake Anna Early Site Permit

January 19, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Jennifer Doob  
 867 Warfield Ave  
 Piedmont, CA 94610-2118  
 USA  
 jkdoophi@aol.com

SISP Review Complete

Template = ADM-013

1124

RDB received

3/9/05

727

12/10/04

69 FR 71854

E-RIDS = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

From: "Barbara Singer" <barbsinger6260@aol.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Wed, Jan 19, 2005 11:02 PM  
 Subject: No nuclear power plant in North Anna

ROB received

3/9/05

728

January 19, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

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Thank you sincerely for your time.

Sincerely,

Barbara Singer  
 8731 W Summerdale Ave  
 Chicago, IL 60656  
 USA  
 barbsinger6260@aol.com

SISP Review Complete

Template = ADM-03

1125

E-RIDS = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW2)

From: "David Barish" <barishdavid@hotmail.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Thu, Jan 20, 2005 9:46 AM  
Subject: North Anna Nuclear Power Plant

RDB received

3/9/05

729

12/10/05

69 FR 71854

SISP Review Complete

Template = ADM-013

1126

E-R105 = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

To Whom It May Concern:

Although I was not able to attend the hearing in Louisa this, I would like to register my objections to the proposed North Anna Nuclear Power plant. There are so many reasons to oppose this plant. I would think that the recent train crash and subsequent chlorine spill in South Carolina would make some people stop and think about putting a nuclear power plant in North Anna. What if that train was carrying nuclear waste? The people in Graniteville have been able to return to their homes (after only about a week) and only about 9 were killed. Had that been nuclear waste being transported the area would be uninhabitable for decades or centuries.

What precautions are being taken regarding the potential risk of attacks against the power plant? Where is the waste to be stored? What about the environmental degradation of the lake? And what about the fact that nuclear power plants don't ever seem to pay for themselves (and are either kept afloat by gauging consumers or by massive tax payer subsidies).

I strongly think that it is a bad idea to build a nuclear power plant in North Anna.

Sincerely,

David Barish

Albemarle County, VA

From: "Beverly Jennings" <bevjenn@hotmail.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Thu, Jan 20, 2005 9:52 AM  
 Subject: Reconsider the Lake Anna Early Site Permit

RDB received

3/9/05

(730)

January 20, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

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Thank you sincerely for your time.

Sincerely,

Beverly Jennings  
 602 Chestnut St Apt 3  
 Santa Cruz, CA 95060-3646  
 USA  
 bevjenn@hotmail.com

SISP Review Complete

Template = ADX-013

1128

E-RODS = ADX-013

ADD J. Cushing (JXC9)

A. Williamson (ARW1)

RDB received

3/9/05

From: "shirley napps" <shirley.napps.adv85@alum.dartmouth.org>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Thu, Jan 20, 2005 10:22 AM  
Subject: Reconsider the Lake Anna Early Site Permit

731

January 20, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04

69 FR 71854

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Thank you sincerely for your time.

Sincerely,

shirley napps  
PO Box 4493  
Charlottesville, VA 22905-4493  
USA  
shirley.napps.adv85@alum.dartmouth.org

SISP Review Complete

Templat = Adm-013

1129

E-RIDS = Adm-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

From: "Dawn Winalski" <dwinalski@yahoo.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Thu, Jan 20, 2005 11:32 AM  
 Subject: Please find an alternative to the North Anna nuclear project

ROB received

3/9/05

(732)

January 20, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04

69 FR 71854

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Thank you sincerely for your time.

Sincerely,

Dawn Winalski  
 1118 F St NE Unit 1  
 Washington, DC 20002-5328  
 USA  
 dwinalski@yahoo.com

SISP Review Complete

Template - App-013

E-RIDS = App-03

Add J. Cushing (JXC9)

A. Williamson (ARW2)

1130

From: "Dina Sorensen" <sorensen@vmdo.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Thu, Jan 20, 2005 11:53 AM  
 Subject: Please find an alternative to the North Anna nuclear project

January 20, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

Dear NRC,

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Thank you sincerely for your time.

Sincerely,

Dina Sorensen  
 116 Second Street  
 Charlottesville, VA 22903  
 USA  
 sorensen@vmdo.com

RDB received  
 3/9/05

733

12/10/04

69 FR 71854

SISP Review Complete  
 Template = ADM-013

1131

E-RIDS = ADM-03  
 Add J. Cushing (JXC9)  
 A. Williamson (ARW2)

From: "Angela Burnett Penn" <aroundangie@hotmail.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Thu, Jan 20, 2005 2:14 PM  
 Subject: Reconsider the Lake Anna Early Site Permit

RDB received

3/9/05

734

January 20, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

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Thank you sincerely for your time.

Sincerely,

Angela Burnett Penn  
 Brandeis University  
 Waltham, MA 02454  
 USA  
 aroundangie@hotmail.com

SISP Review Complete

Template = Adm-013

E-RDS = Adm-03

Add J. Cushing (Jxcg)

A. Williamson (ARW1)

1132

From: "Linda York" <lindayork5@msn.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Thu, Jan 20, 2005 8:12 PM  
 Subject: No nuclear power plant in North Anna

ROB received

3/9/05

(735)

January 20, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

Currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

Linda York  
 13029 15th Ave NE  
 Seattle, WA 98125-4023  
 USA  
 lindayork5@msn.com

SISP Review Complete

Template = ADM-013

E-RIDS = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

1133

From: "Anne Maziak" <Catwoman44@hotmail.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Thu, Jan 20, 2005 4:02 PM  
 Subject: Please find an alternative to the North Anna nuclear project

January 20, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Anne Maziak  
 892 Eastover Dr  
 Bloomfield Hills, MI 48304-2528  
 USA  
 Catwoman44@hotmail.com

RDB received

3/9/05

736

12/10/04

69 FR 71854

SISP Review Complete

Template = Adm-013

1134

E-RIDS = Adm-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

RDB received  
3/9/05

From: "Ana Yong Soler" <ays@elp.rr.com>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Thu, Jan 20, 2005 8:12 PM  
Subject: Please find an alternative to the North Anna nuclear project

737

January 20, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04  
69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Ana Yong Soler  
private  
El Paso, TX 79925  
USA  
ays@elp.rr.com

SISP Review Complete

Template = ADM-013

1135

E-RIDS = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW2)

From: "Mha Atma S Khalsa" <ean@sbcglobal.net>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Thu, Jan 20, 2005 11:42 PM  
 Subject: PLEASE: Reconsider the Lake Anna Early Site Permit

RDB received  
 3/9/05

738

January 20, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04  
 69 FR 71854

Dear NRC,

As a very concerned American I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. You must examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

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Thank you sincerely for your time.

Sincerely,

Mha Atma S Khalsa  
 1536 S Crest Dr  
 Los Angeles, CA 90035  
 USA  
 ean@sbcglobal.net

SISP Review Complete

Template = ADM-013

E-RIDJ = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

1136

From: "Kris McCradic" <krismccradic@hotmail.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Jan 21, 2005 1:12 PM  
 Subject: No nuclear power plant in North Anna

January 21, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Kris McCradic  
 2642 Melbourne St  
 Salt Lake City, UT 84106  
 USA  
 krismccradic@hotmail.com

RDB received

3/9/05

739

12/16/04

69 FR 71854

SISP Review Complete

Template = ADM-013

1137

E-RIDS = ADM-03

Add J. Cushing (BJX09)

A. Williamson (ARW1)

From: "Kathleen Grant" <saunaprinsessa@yahoo.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Jan 21, 2005 2:52 PM  
 Subject: Please find an alternative to the North Anna nuclear project

January 21, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Kathleen Grant  
 Radiaattoritie 19B  
 Harjunpää, 28260  
 Finland  
 saunaprinsessa@yahoo.com

SIS Review Complete  
 Template = ADN-013

1138

E-RIDS = ADN-03  
 Add J. Cushing (JXC9)  
 A. Williamson (ARW1)

RDB received

3/9/05

740

12/10/04

69 FR 71854

ROB received  
3/9/05

**From:** <JMCAUSEYJ@aol.com>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Fri, Jan 21, 2005 3:50 PM  
**Subject:** proposed expansion of the North Anna Nuclear Plant in Louisa Cty, Va

741

As a resident of the great Commonwealth of Virginia I am writing to protest any expansion of nuclear power in my state. The proposed expansion of the North Anna Nuclear Plant in Louisa County, VA is a terrible idea. Two reasons: the world still has not found a safe, effective way to deal with the huge quantities of deadly radioactive waste that are produced by nuclear energy (Yucca Mountain even if it were to be approved is breachable by virtue of its physical characteristics (seismic and salty) and too small to hold all the waste we have produced and continue to produce); and nuclear power plants are ideal terrorist targets making us all that much more vulnerable at a time in our history when we need to secure the safety of our people.

12/10/04  
69FR 71854

Sincerely,

Patricia Raynor  
12512 Thunder Chase Dr.  
Reston, VA 20191

SISP Review Complete

Template - Apr-03

1139

E-RIDS = Apr-03

Add J. Cushing (JXC9)

A. Williamson (ARW2)

As a resident of the great Commonwealth of Virginia I am writing to protest any expansion of nuclear power in my state. The proposed expansion of the North Anna Nuclear Plant in Louisa County, VA is a terrible idea. Two reasons: the world still has not found a safe, effective way to deal with the huge quantities of deadly radioactive waste that are produced by nuclear energy (Yucca Mountain even if it were to be approved is breachable by virtue of its physical characteristics (seismic and salty) and too small to hold all the waste we have produced and continue to produce); and nuclear power plants are ideal terrorist targets making us all that much more vulnerable at a time in our history when we need to secure the safety of our people.

Sincerely, Patricia Raynor 12512 Thunder Chase Dr. Reston, VA 20191

[hometown.aol.com/jmcauseyj/myhomepage/profile.html](http://hometown.aol.com/jmcauseyj/myhomepage/profile.html)

[href="http://hometown.aol.com/jmcauseyj/myhomepage/profile.html">](http://hometown.aol.com/jmcauseyj/myhomepage/profile.html)

From: "Diana Sette" <dsette@drew.edu>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Jan 21, 2005 4:02 PM  
 Subject: Please find an alternative to the North Anna nuclear project

January 21, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Diana Sette  
 2296 Forest Glen Dr  
 Warrington, PA 18976-1588  
 USA  
 dsette@drew.edu

RDB received  
 3/9/05

(742)

12/10/04  
 69 FR 71854

SISP Review Complete

Template = ADM-013

E-RIDS = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

1141

From: "Brian Hebeisen" <peru\_boy@hotmail.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Jan 21, 2005 5:32 PM  
 Subject: No permit for Lake Anna Early Site

ROB received

3/9/05

(743)

January 21, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

I am against any new nuclear plants. We can easily meet our energy needs with energy efficiency and renewable energy programs. We don't need more nuclear waste and more nuclear time bombs.

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Brian Hebeisen  
 170 Worcester St  
 Watertown, MA 02472  
 USA  
 peru\_boy@hotmail.com

E-RIDS = Aom-03

Add J. Cushing (JXC9)

A. Williamson (ARW2)

SISP Review Complete

Template = Aom-013

1142

*ROB received*

*3/9/05*

*(744)*

**From:** "Marione M. Cobb" <marionemcobb@twinoaks.org>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Fri, Jan 21, 2005 8:50 PM  
**Subject:** New Reactors at North Anna Plant Too Dangerous

Chief, Rules and Directives Branch  
Division of Administrative Services  
Office of Administration  
Mailstop T-6D59  
U.S. Nuclear Regulator Commission  
Washington, D.CC. 20555-0001

*12/10/04*

*69 FR 71854*

cc.to: Nils J Diaz, Chairman, U.S. Nuclear Regulatory Commission  
Thomas E. Capps, CEO, Dominion Resources

Dear sir or madam:

I am dismayed to read that the NRC concluded the draft of its Environmental Impact Statement by saying that " environmental impacts would not prevent issuing an Early Site Permit for North Anna". I believe this to be unconscionable and unrealistic: I am a resident of Louisa County who lives 10 miles as the crow flies from the North Anna plant, and it is clear to me that nuclear reactors present an unacceptable risk for the public. There have been many documented near-catastrophies in addition to the disaster at Chernobyl and the near meltdown at Three Mile Island.

The highly radioactive spent fuel from the projected two new reactors at North Anna would most likely be stored on the site; where else would this high level nuclear waste go since the Yucca Mountain repository, if ever built, has a capacity limited to the waste from nuclear plants existing through 2012? Therefore the North Anna cask storage site, located less than 100 miles from our nation's capitol, would be a prime target for terrorists, continuing to place those of us who live in this area at highest risk.

If transported by rail or truck across the United States, there is the ever-present possibility of an accident (-the January 6 train derailment in Graniteville, South Carolina, from which eight persons died of chlorine gas, is a graphic reminder of the peril of transporting toxic materials). Such an accident would leave a legacy of cancers and other debilitating diseases in affected communities. A rail accident is an even greater risk because nuclear waste shipping containers are not required to undergo full physical safety testing for collisions, and the ability of the containers to withstand a high impact rail collision (especially one involving fire)is therefore not fully known.

Please SPARE OUR LIVES and spend OUR (taxpayer) money on safe energy alternatives.

Yours truly,

(Ms.) Marione M. Cobb  
138 Twin Oaks Road  
Louisa, Virginia, 23093

*SISP Review Complete*

*Template = Adm-013*

**1143**

*E-R105 = Adm-03*

*Add J. Cushing (JXC9)*

*A. Williamson (ARW1)*

RPB received  
3/9/05

From: "Linda Prostko" <lprostko@hotmail.com>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Sat, Jan 22, 2005 8:52 AM  
Subject: No nuclear power plant in North Anna

745

January 22, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04  
69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

Linda Prostko  
PO Box 141621  
Grand Rapids, MI 49514-1621  
USA  
lprostko@hotmail.com

SISP Review Complete

Template = ADM-613

1144

E-RDS = ADM-63

Add J. Cushing (JXC9)

A. Williamson (ARW1)

From: "Tom Boughan" <jongaeyu@hotmail.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Sun, Jan 23, 2005 4:02 AM  
 Subject: Please find an alternative to the North Anna nuclear project

January 23, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

Dear NRC,

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Thank you sincerely for your time.

Sincerely,

Tom Boughan  
 PO Box 67  
 Cowan, TN 37318  
 USA  
 jongaeyu@hotmail.com

RDB received

3/9/05

746

12/10/04

69 FR 71854

SISP Review Complete  
 Template = ADM-013

1145

E-RIDS = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

From: "Claire Watson" <ce99watson@aol.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Sun, Jan 23, 2005 4:02 AM  
 Subject: Reconsider the Lake Anna Early Site Permit

ROB received

3/9/05

(747)

January 23, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Claire Watson  
 246 Peppertree Way  
 Pittsburg, CA 94565-7060  
 USA  
 ce99watson@aol.com

E-RDS = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

SISP Review Complete

Template = ADM-03

1146

ROB received

3/9/05

From: "Betty J. Van Wicklen" <g10121@care2.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Sun, Jan 23, 2005 6:02 PM  
 Subject: Reconsider the Lake Anna Early Site Permit

January 23, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

(748)

Dear NRC,

12/10/04

69 FR 71854

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

Currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

Betty J. Van Wicklen  
 41 Lakeshore Dr Apt 2B  
 Watervliet, NY 12189-2915  
 USA  
 g10121@care2.com

SNP Review Complete

Template = ADM-013

1147

E-RIDS = ADM-03

Add. J. Cushing (JXC9)

A. Williamson (ARW1)

**From:** Cindy Patterson <hmskvgm@mac.com>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Sun, Jan 23, 2005 8:55 PM  
**Subject:** No more nuclear plants

ROB received

3/9/05

749

Cynthia Patterson  
3000 Sassafras Tree Ct  
Dumfries, Va. 22026

NRC, Chief, Rules and Directives Branch  
Division of Admin. Services  
Office of Admin.  
Mailstop T\_6D59  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

6/10/04

69 FR 71854

Dear NRC,

Do not expand your nuclear plant in Louisa County, Va. outside Charlottesville. We have renewable and clean forms of energy, such as wind and solar power. Prevent another Chernobyl and be a leader in corporate development in renewable energy. Be the first on your block to do the right thing for America and the future of our children.

Thank you,

Cynthia Patterson

**CC:** <larrypatterson@mac.com>, <kalin@mac.com>

SISP Review Complete

Template = ADM-013

1148

E-RIDS = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

RDB received

3/9/05

From: "K. Patterson" <kalin@mac.com>  
To: <northanna\_esp@nrc.gov>  
Date: Mon, Jan 24, 2005 12:32 PM  
Subject: No More nuclear plants

750

Kalin Patterson  
3000 Sassafras Tree Ct  
Dumfries, Va. 22026

NRC, Chief, Rules and Directives Branch  
Division of Admin. Services  
Office of Admin.  
Mailstop T\_6D59  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

12/10/04  
69 FR 71854

Dear NRC,

Do not expand your nuclear plant in Louisa County, Va. outside Charlottesville. We have renewable and clean forms of energy, such as wind and solar power. Prevent another Chernobyl and be a leader in corporate development in renewable energy. Be the first on your block to do the right thing for America and the future of our children.

Thank you,

Kalin Patterson

SISP Review Complete  
Template = Adm-013

1149

E-RIDJ = Adm-03  
Add J. Cushing (JXC9)  
A. Williamson (ARW1)

From: "Erin Christiansen" <ecsunshine@hotmail.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Mon, Jan 24, 2005 2:52 PM  
 Subject: Reconsider the Lake Anna Early Site Permit

RDB received

3/9/05

(751)

January 24, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

Erin Christiansen  
 535 Slayton Ave  
 Grand Haven, MI 49417-1866  
 USA  
 ecsunshine@hotmail.com

SISP Review Complete

Template = Adm-013

1150

E-RID = Adm-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

ROB received  
3/9/05

From: "john covey" <johncovey@sbcglobal.net>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Mon, Jan 24, 2005 10:32 PM  
Subject: No nuclear power plant in North Anna

752

January 24, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04  
69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

john covey  
167 Lee Road 103  
Marianna, AR 72360-7898  
USA  
johncovey@sbcglobal.net

SISP Review Complete

Template = AOM-013

E-RDS - AOM-03

Add J. Cushing (JXC9)

A-Williamson (ARW1)

1151

RDB received

3/9/05

From: "Ed Harris" <edharris60@yahoo.com>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Tue, Jan 25, 2005 5:12 AM  
Subject: Reconsider the Lake Anna Early Site Permit

753

January 25, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Ed Harris  
8175 Imber St  
Orlando, FL 32825-8282  
USA  
edharris60@yahoo.com

SISP Review Complete

Templat = ADM-013

1152

E-RIDS = ADM-03

Add. J. Cushing (JXC9)

A. Williamson (ARW2)

From: "Linda Alberda" <lkalberda@adelphia.net>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Tue, Jan 25, 2005 1:32 PM  
 Subject: Reconsider the Lake Anna Early Site Permit

RDB received

3/9/05

754

January 25, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Linda Alberda  
 6304 Longspur Rd  
 Highland Heights, OH 44143-3721  
 USA  
 lkalberda@adelphia.net

SISP Review Complete

Template = ADM-013

1153

E-RIDS = ADM-03

Add J. Cushing (XCS)

A. Williamson (ARW)

From: "Kirk Clayton" <kirkclayton@hotmail.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Tue, Jan 25, 2005 2:22 PM  
 Subject: Please find an alternative to the North Anna nuclear project

ROB received  
 3/9/05

755

January 25, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04  
 69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Kirk Clayton  
 6941 Hummock Pond  
 Reynoldsburg, OH 43068  
 USA  
 kirkclayton@hotmail.com

SISP Review Complete  
 Template - Adm-03

1154

E-ROJ = Adm-03  
 Add J. Cushing (JXC9)  
 A. Williamson (ARW1)

From: "Jim Oxyer" <kylthraerie@hotmail.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Wed, Jan 26, 2005 5:42 AM  
 Subject: Please find an alternative to the North Anna nuclear project

RPB received  
 3/9/05

756

January 26, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04  
 69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Jim Oxyer  
 1210 S Brook St Apt 1  
 Louisville, KY 40203-2789  
 USA  
 kylthraerie@hotmail.com

SISP Review Complete

Templat = ADM-013

E-RIDS = ADM-03

Add J. Cushing (JXC9)

A. Williamson (AW1)

1155

From: <Johnjoy2you@cs.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Wed, Jan 26, 2005 11:15 PM  
Subject: Licensing of New Nuclear Power at North Anna

I am writing to express my deep concern about the possibility of two new nuclear reactors being at the existing North Anna nuclear power plant in central Virginia. I think that this is not the answer to our energy concerns, and ask that you do not grant a site permit for the purpose of increasing the nuclear reactors at North Anna.

Thank you very much for your consideration.

John Votta  
Richmond, VA

RDB received

3/9/05

757

12/10/04

69 FR 71854

SISP Review Complete

Template = Adm-03

1156

E-RIDJ = Adm-03

Add J. Cushing (JXC9)

A. Williamson (ARW2)

From: "Sydney Funsinn" <Sydneyk55@aol.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Thu, Jan 27, 2005 7:02 PM  
 Subject: Reconsider the Lake Anna Early Site Permit

RDB received  
 3/9/05

758

January 27, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Sydney Funsinn  
 11340 Lakeside Ave NE  
 Seattle, WA 98125-5945  
 USA  
 Sydneyk55@aol.com

SISP Review Complete  
 Template = ADN-03

1157

E-RIDS = ADN-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

RDB received  
3/9/05

**From:** "KELLE PEEPLEZ" <ORANGEPZ@HOTMAIL.COM>  
**To:** "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
**Date:** Thu, Jan 27, 2005 7:32 PM  
**Subject:** Reconsider the Lake Anna Early Site Permit

759

January 27, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04  
69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

KELLE PEEPLEZ  
PO Box 1649  
Perris, CA 92572-1649  
USA  
ORANGEPZ@HOTMAIL.COM

SISP Review Complete  
Template = ADM-013

1158

E- R105 = ADM-03  
Add J. Cushing (JXC9)  
A. Williamson (ARW)

RDB received  
3/9/05

**From:** "Daisy Semling and Ken Fujishiro" <kfujishiro@worldnet.att.net>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Fri, Jan 28, 2005 4:54 PM  
**Subject:** Proposed additions to Dominion Power's North Anna Nuclear Generating Station

760

The Sierra Club is opposed to Dominion Power's efforts to build two new nuclear generators on the shore of Lake Anna.

It is my considered opinion that the Sierra Club is "barking up the wrong tree". The cost (both environmentally and economically) of operating an environmentally clean nuclear generator is considerably less than that required for fossil fuel plants, which generate smog, acid rain, and other pollutants. Both the fossil fuel and nuclear power plants will have potential environmentally negative aspects. However, weighing all the alternatives available with current off the shelf technology, I would opt to champion the cause of nuclear power generation over fossil fuels from an economical and environmental points of view.

12/10/04  
69 FR 71854

My vote is for Dominion Power's plan to expand nuclear power generation.

K. Kenneth Fujishiro, AICP, FSAME, BSCE  
19375 Cypress Ridge Terrace #821  
Lansdowne, VA 20176-5189

**CC:** <glen.besa@sierraclub.org>, <abhayathiele@yahoo.com>

SISP Review Complete  
Template = Adm-013

1159

E-R10 = Adm-03  
Add J. Cushing (JXC9)  
A. Williamson (ARW1)

From: "Julie Boswell" <miloboz@aol.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Jan 28, 2005 6:03 PM  
 Subject: No nuclear power plant in North Anna

ROB received  
 3/9/05

(761)

January 28, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

Julie Boswell  
 1319 W 106th St  
 Cleveland, OH 44102-1511  
 USA  
 miloboz@aol.com

SISP Review Complete

Template = ADM-013

1160

E-RDS = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

From: "Carolynn Pakeltis" <carolynnpakeltis@hotmail.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Sat, Jan 29, 2005 4:42 PM  
 Subject: Reconsider the Lake Anna Early Site Permit

ROB received  
 3/9/05

(762)

January 29, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04  
 69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Carolynn Pakeltis  
 6970 Ohio St  
 Mentor, OH 44060-8400  
 USA  
 carolynnpakeltis@hotmail.com

SISP Review Complete

Template = ADM-013

1161

E-RIDs = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW7)

RDB received

3/9/05

From: "Dianne Miller" <dianne88@cox.net>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Sat, Jan 29, 2005 5:52 PM  
Subject: Please find an alternative to the North Anna nuclear project

763

January 29, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

Currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

Dianne Miller  
1440 Puterbaugh St  
San Diego, CA 92103-3710  
USA  
dianne88@cox.net

SISP Review Complete

Templat = ADM-013

1162

E-RIDJ = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW2)

ROB received  
3/9/05

From: "Brian Butcher" <tonycherry23@aol.com>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Mon, Jan 31, 2005 12:22 PM  
Subject: Please find an alternative to the North Anna nuclear project

764

January 31, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

Dear NRC,

12/10/04  
69 FR 71854

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

Currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

Brian Butcher  
3226 Kimber Ct  
San Jose, CA 95124-2380  
USA  
tonycherry23@aol.com

SISP Review Complete  
Template = ADM-013

1163

E-R103 = ADM-03  
Add J. Cushing (JXC9)  
A-Williamson (ARWJ)

RPB received  
3/9/05

From: "Michael Neil" <mneil@du.edu>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Mon, Jan 31, 2005 12:42 PM  
Subject: Reconsider the Lake Anna Early Site Permit

765

January 31, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04  
69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

Currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

Michael Neil  
2551 S High St  
Denver, CO 80210-5145  
USA  
mneil@du.edu

SISP Review Complete

Template = ADM-013

1164

E-RIDJ = ADM-03  
Add J. Cushing (JXC9)  
A. Williamson (ARW1)

RDB received

3/9/05

From: "Connie Boitano" <Conboitano@yahoo.com>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Tue, Feb 1, 2005 7:22 AM  
Subject: No nuclear power plant in North Anna

766

February 01, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

Currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

Connie Boitano  
8037 21st Ave NW  
Seattle, WA 98117  
USA  
Conboitano@yahoo.com

E-RDS = Adm-03

Add J. Cushing (Jxc9)

A. Williamson (ARW)

SISP Review Complete

Template = Adm-03

1165

From: "Micheal Aleman" <zetabreeze@aol.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Wed, Feb 2, 2005 5:12 PM  
 Subject: Reconsider the Lake Anna Early Site Permit

ROB received

3/9/05

(767)

February 02, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

Dear NRC,

12/10/04

69 FR 71854

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

Currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

Micheal Aleman  
 1222 N Main Ave Ste 660  
 San Antonio, TX 78212-5713  
 USA  
 zetabreeze@aol.com

SISP Review Complete

Templack = Ann-013

E-R105 = Ann-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

1166

ROB received  
3/9/05

From: "pete lafoillette" <plafollette@yahoo.com>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Thu, Feb 3, 2005 7:22 PM  
Subject: Please find an alternative to the North Anna nuclear project

768

February 03, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04  
69 ER 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

Currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

pete lafoillette  
915 W Micheltorena St  
Santa Barbara, CA 93101  
USA  
plafollette@yahoo.com

SISP Review Complete  
Template = ADM-013

E-R103 = ADM-03  
Add J. Cushing (Jxc9)  
A. Williamson (AEW1)

1167

ROB received  
3/9/05

From: "Kimberley Sharp" <GreenJasimen@yahoo.com>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 4, 2005 10:12 AM  
Subject: Reconsider the Lake Anna Early Site Permit

(769)

February 04, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04  
69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

Currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

Kimberley Sharp  
1704 Sheridan Dr  
Baytown, TX 77520-5424  
USA  
GreenJasimen@yahoo.com

E-RIDS = ADM-03

Add J. Cushing (JXC9)

A. Williams (ARW1)

SISB Review Complete

Template = ADM-03

1168

ROB received

3/9/05

From: "Jeffri Frontz" <jhf@infinet.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Sat, Feb 5, 2005 6:52 PM  
 Subject: No nuclear power plant in North Anna

(770)

February 05, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

Currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

Jeffri Frontz  
 310 Walhalla Rd  
 Columbus, OH 43202-1444  
 USA  
 jhf@infinet.com

SISP Review Complete

Template = ADM-013

1169

E-RDS = Aprm-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

*RDB received*

*3/19/05*

**From:** "Caryn Corriere" <corrierecl@excite.com>  
**To:** "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
**Date:** Sun, Feb 6, 2005 7:02 PM  
**Subject:** Please find an alternative to the North Anna nuclear project

*771*

February 06, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

*12/10/04*

*69 FR 71854*

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

Currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

Caryn Corriere  
 620 Locust St  
 Hammond, IN 46324-1517  
 USA  
 corrierecl@excite.com

*E-RIOS = Adm-03*

*Add J. Cushing (JXC9)*

*A. Williamson (ARW1)*

*SISP Review Complete*

*Template - Adm - 013*

**1170**

Rob received

3/9/05

From: "Wendy McFadden" <wendyfromwonderland@yahoo.com>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Sun, Feb 6, 2005 8:42 PM  
Subject: No nuclear power plant in North Anna

772

February 06, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant.

Further, Lake Anna may not be able to physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will impact the lake ecosystems and could lower property values. Lake temperature will be affected. This could kill many of the lifeforms that inhabit it.

Currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant.

Thank you sincerely for your time.

Sincerely,

Wendy McFadden  
910 Wylie  
Missoual, MT 59802  
USA  
wendyfromwonderland@yahoo.com

E-R105 = Adm-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

1171

SISP Review Complete

Templat = Adm-013

ROB received  
3/9/05

From: "Leslie Tawnamaia" <hopenjoy@pivot.net>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Mon, Feb 7, 2005 1:52 PM  
Subject: No nuclear power plant in North Anna

773

February 07, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04  
69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake. Lake temperature will be affected, probably killing lifeforms that inhabit it.

As you know, currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you for your time.

Sincerely,

Leslie Tawnamaia  
PO Box 471  
Plainfield, VT 05667-0471  
USA  
hopenjoy@pivot.net

SISP Review Complete  
Template = ADM-013

1172

E-R105 = ADM-03  
Add J. Cushing (JXC9)  
A. Williamson (ARW1)

From: "Ben Malloy" <kayman668@aol.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Tue, Feb 8, 2005 5:52 PM  
 Subject: No nuclear power plant in North Anna

ROB received

3/9/05

774

February 08, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

Dear NRC,

12/10/04

69 FR 71854

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

Currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

Ben Malloy  
 PO Box 325  
 Cleveland, MN 56017  
 USA  
 kayman668@aol.com

SISP Review Complete

Template = Adm-013

E-R105 = Adm-013

Add J. Cushing (JKC9)

A. Williamson (ARW1)

1173

RDB received

3/9/05

From: "Anna von Gehr" <avongehr@hotmail.com>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Wed, Feb 9, 2005 10:42 AM  
Subject: No nuclear power plant in North Anna

February 09, 2005

775

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

Dear NRC,

12/10/04

69 FR 71854

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

Currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

Anna von Gehr  
4304 W Franklin St  
Richmond, VA 23221-1112  
USA  
avongehr@hotmail.com

SISP Review Complete

Template = ADM-013

1174

E-RIDS = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

ROB received

3/9/05

From: "Claudia Duffy" <cduffy@ehc.edu>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Wed, Feb 9, 2005 11:52 AM  
Subject: Please find an alternative to the North Anna nuclear project

776

February 09, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

Dear NRC,

12/10/04

69 FR 71854

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

Currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

Claudia Duffy  
PO Box FF  
Emory, VA 24327-0972  
USA  
cduffy@ehc.edu

SISP Review Complete

Templat = ADM-03

1175

E-RIDJ = ADM-03

Add J. Cushing (JXC9)

A. Williamson (AR01)

ROB received

3/9/05

**From:** "William Zachary Fields" <wzf3v@neon.mail.virginia.edu>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Wed, Feb 9, 2005 12:38 PM  
**Subject:** public comment on Dominion Power's request to build new reactors at North Anna

To Whom it May Concern,  
Please consider this email my official public comment regarding Dominion Power's request to build two new reactors at the North Anna power station in central Virginia. I am completely opposed to the construction of any new nuclear facilities. We have enough trouble disposing of the waste we're already creating without making the problem worse by building new facilities. If Dominion wishes to produce more energy, it should do so by building wind farms in places like Highland County. If we want to leave our children a world worth inhabiting, then we must invest in renewable energy now. Thank you for your attention to this letter.

Zack Fields  
school address:  
474 Lambeth#1  
Charlottesville VA 22904  
home address:  
9304 Woodcrest Rd  
Richmond VA 23229

(777)

12/10/04

69 FR 71854

SISP Review Complete

Template = ADM - 013

1176

E-RIDS = ADM-03

Add J. Cushing (JXC9)

A: Williamson (ARW1)

ROB received  
3/9/05

From: "Emily and Jeremy Peters" <jerandem@cox.net>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Wed, Feb 9, 2005 12:42 PM  
Subject: Please find an alternative to the North Anna nuclear project

778

February 09, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04  
69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

Currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

Emily and Jeremy Peters  
6141 Saddleridge Cir  
Roanoke, VA 24018-4621  
USA  
jerandem@cox.net

SISP Review Complete  
Template = App-03

1177

E-R105 = App-03  
Add J. Cushing (JXC9)  
A. Williamson (ARW1)

ROB received  
3/9/05

**From:** "susannah wood" <susannahwood@hotmail.com>  
**To:** "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
**Date:** Wed, Feb 9, 2005 1:32 PM  
**Subject:** Reconsider the Lake Anna Early Site Permit

779

February 09, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04  
69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

susannah wood  
 919 Anderson St  
 Charlottesville, VA 22903-4409  
 USA  
 susannahwood@hotmail.com

SISP Review Complete  
 Template - Adm-03

E-R105 = Adm-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

1178

RDB received

3/9/05

From: "Bob Peckman" <bob@peckmanjazz.com>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Wed, Feb 9, 2005 1:42 PM  
Subject: No nuclear power plant in North Anna

780

February 09, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04  
69 FR 71854

Dear NRC,

We have built a few nuclear power plants and run them to come down the learning curve. In all this time, we have not figured out what to do with the waste. Even worse, we have some making plans to poison future generations. We have no right to build another one until we can handle our waste!

There are other forms of energy that deserve our attention.

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Bob Peckman  
8131 Webster Dr  
Roanoke, VA 24019-2333

E-RID = Adm-03

Add J. Cushing (BJXC9)

A. Williamson (ARW1)

SISP Review Complete

Template = Adm-013

1179

From: "linda boswell" <linda\_boswell@ccpsnet.net>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Wed, Feb 9, 2005 1:42 PM  
 Subject: No nuclear power plant in North Anna

ROB received

3/9/05

February 09, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

(781)

Dear NRC,

12/10/04

69 FR 71854

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

linda boswell  
 4801 E Gurney Ct  
 Richmond, VA 23237-3346  
 USA  
 linda\_boswell@ccpsnet.net

SISP Review Complete

Template = ADM-013

E-RIDS = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

1180

RDB received  
3/9/05

From: "Jeffrey Grossman" <jg2t@virginia.edu>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Wed, Feb 9, 2005 3:42 PM  
Subject: No nuclear power plant in North Anna

782

February 09, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

Dear NRC,

12/10/04  
69 FR 71854

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Jeffrey Grossman  
142-B Bollingwood Rd., Charlottesville, VA 22903  
Charlottesville, VA 22903  
USA  
jg2t@virginia.edu

E-RDS = ADM-03  
Add J. Cushing (JXC9)  
A. Williamson (ARW1)

SISP Review Complete  
Template = ADM-013

1181

ROB received

3/9/05

From: <floristcyn@earthlink.net>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Wed, Feb 9, 2005 5:09 PM  
Subject: no nukes

783

Please, no new nukes, further expansion of current levels, or anything other than a turn to earth friendly and people friendly energy!!

Cynthia Lewis  
Charlottesville, VA

"The cross made the difference for me"

12/10/04

69 FR 71854

SISP Review Complete

Template = ADM-013

1182

E-R10J = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

ROB received

3/9/05

From: "Carol Curran" <cnrcurran@adelphia.net>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Wed, Feb 9, 2005 7:32 PM  
Subject: Reconsider the Lake Anna Early Site Permit

784

February 09, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04  
69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Carol Curran  
3325 Braemar Ct  
Keswick, VA 22947-9137  
USA  
cnrcurran@adelphia.net

SISP Review Complete

Template = Adm-03

1183

E-R10s = Adm-03

Add J. Cushing (Jxc9)

A. Williamson (ARW)

RDB received

3/9/05

From: "Dottie Hampton" <Dottie7dmh@cox.net>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Wed, Feb 9, 2005 9:22 PM  
Subject: Please find an alternative to the North Anna nuclear project

785

February 09, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Dottie Hampton  
3856 Clearwood Ct  
Virginia Beach, VA 23453-2132  
USA  
Dottie7dmh@cox.net

E-RIDS = Adm-03

Add J. Dasking (Jxc9)

A. Williamson (ARW1)

SISP Review Complete

Template = Adm-013

1184

RDB received

3/9/05

From: "Coleen Zahnke" <coleenkirsty@optidynamic.com>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Thu, Feb 10, 2005 4:02 AM  
Subject: No nuclear power plant in North Anna

786

February 09, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

Dear NRC,

12/10/04

69FR 71854

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Coleen Zahnke  
Rt.2 Box 221  
Big Stone Gap, VA 24219  
USA  
coleenkirsty@optidynamic.com

E-RIDS = AOM-03

SISP Review Complete

Add J. Cushing (JXC9)

Template = ADM-013

1185

A. Williamson (ARW1)

RDB received

3/9/05

From: "Elizabeth Gilchrist" <foundation@now.org>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Thu, Feb 10, 2005 8:32 AM  
Subject: Reconsider the Lake Anna Early Site Permit

787

February 10, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Elizabeth Gilchrist  
2911 Marshall St  
Falls Church, VA 22042-1916  
USA  
foundation@now.org

SISP Review Complete

Template - Adm-013

1186

E-RIDS = Adm-03

Add J. Cushing (Jxc9)

A. Williamson (ARW1)

ROB received

3/9/05

From: "Anne Johnston" <mijo0967@msn.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Thu, Feb 10, 2005 8:52 AM  
 Subject: Please find an alternative to the North Anna nuclear project

February 10, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Anne Johnston  
 1400 Radcliff Ave  
 Lynchburg, VA 24502-5117  
 USA  
 mijo0967@msn.com

SISP Review Complete

Template = ADM-013

E-RIDS = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW2)

1187

RDB received

3/9/05

789

From: "Charlotte Shnaider" <charsing@webtv.net>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Thu, Feb 10, 2005 9:29 AM  
Subject: expanding plant

I think it is a big mistake to invest in nuclear power when we have no way to dispose of the waste and it's so dangerous. I sincerely hope those who make these decisions will think of the future of our planet and not just give in to those who will make a profit.  
Charlotte Shnaider

12/10/04

69 FR 71854

SISP Review Complete

Template = ADM-013

1188

E-RIDS = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW2)

From: "Melanie Jackson" <njeri@comcast.net>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Thu, Feb 10, 2005 10:42 AM  
 Subject: Reconsider the Lake Anna Early Site Permit

ROB received  
 3/9/05

790

February 10, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04  
 69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Melanie Jackson  
 1208 Taylor Ave  
 Richmond, VA 23225-4643  
 USA  
 njeri@comcast.net

SISP Review Complete  
 Template = Adm-013

1189

E-RIDS = Adm-03  
 Add J. Cushing (JXC9)  
 A. Williamson (ARWJ)

From: <Dennis\_Bried@dom.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Thu, Feb 10, 2005 12:36 PM  
Subject: North Anna ESP

RDB received  
3/9/05

791

Chief, Rules and Directives Branch  
Division of Administrative Services  
Office of Administration  
Mailstop T-6D59  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

12/16/04  
69 FR 71854

Re: Comments on Draft NUREG-1811

To Whom It May Concern:

I am writing to SUPPORT granting an Early Site Permit to Dominion Resources to build two new reactors at the North Anna nuclear plant in Mineral, VA. This is a wise decision for a company that has proven over time to be a safe and effective nuclear operator. The economic considerations to the community are considerable and as a resident who lives within 20 miles of the plant I feel comfortable about the addition of two units at the site.

Sincerely,

Dennis A Bried  
739 Canterbury Dr.  
Ruther Glen, VA 22546

SISP Review Complete

Template = Adm-013

1190

E-RIDJ = Adm-03

Add J. Cushing (JXC9)

A. Williamson (ARWJ)

From: "Joanna Salidis" <Joanna@salidis.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Thu, Feb 10, 2005 2:32 PM  
 Subject: No nuclear power plant in North Anna

ROB received

3/9/05

(792)

February 10, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

Currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

Joanna Salidis  
 129 Goodman St  
 Charlottesville, VA 22902-5719  
 USA  
 Joanna@salidis.com

E-RIDs = ADM-03

SISP Review Complete

Add J. Cushing (JXC9)

Template = ADM-03

1191

A. Williamson (ARD1)

RDB received

3/9/05

(793)

From: "Clare McBrien" <cmcbrien@richmonddiocese.org>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Thu, Feb 10, 2005 5:39 PM  
Subject: North Anna Nuclear Plant

I wish to state that no more nuclear plants should be built until we find a way to solve the tremendous waste problem it leave us and generations far beyond us. Our country needs to be looking at save, sensible and sustainable energy sources. Nuclear at this time is certainly none of these. My hope is you will hear what thinking, sensible people are saying and abandon this project. Clare McBrien

12/10/04

69 FR 71854

SISP Review Complete

Template = ADM-013

---

1192

E-R105 = ADM-03

Add J. Cushing (JXC9)

A-Williamson (ARW3)

From: "Della Cleve" <katzchen@davidbowie.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Feb 11, 2005 4:03 AM  
 Subject: No nuclear power plant in North Anna

ROB received

3/9/05

(794)

February 11, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04

69 FR 71854

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Thank you sincerely for your time.

Sincerely,

Della Cleve  
 3321 Parkwood Ave  
 Richmond, VA 23221-3422  
 USA  
 katzchen@davidbowie.com

SISP Review Complete

Template = ADM-013

1193

E-RIDs = ADM-03

Add J. Cushing (JXC9)

A-Williamson (ARWJ)

From: "Julie Huff" <weezerkitty@yahoo.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Feb 11, 2005 6:02 AM  
 Subject: Reconsider the Lake Anna Early Site Permit

RDB received

3/9/05

February 11, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

(795)

Dear NRC,

12/10/04

69 FR 71854

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Julie Huff  
 9001 River Valley Ln  
 Spotsylvania, VA 22553-3588  
 USA  
 weezerkitty@yahoo.com

E-RDS= Apr-03

Add J. Cushing (JXC9)

A. Williamson (ARW2)

SISP Review Complete

Template = Apr-03

1194

From: "Frank Worshek" <frank\_worshek@lcv.org>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Feb 11, 2005 11:42 AM  
 Subject: Please find an alternative to the North Anna nuclear project

RDB received

3/9/05

(796)

February 11, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04

69FR71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Frank Worshek  
 9477 Arlington Blvd Apt 203  
 Fairfax, VA 22031-2477  
 USA  
 frank\_worshek@lcv.org

E-RID3 = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW2)

SISP Review Complete

Template = ADM-013

1195

ROB received

3/9/05

797

From: david johnston <blackecho47@netzero.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 11, 2005 2:50 PM  
Subject: nuclear power not safe

dear chief:

there is no safe way to store or dispose of nuclear waste.  
wind and solar energy need to be developed.

clean, safe energy is available. we need to use it

12/10/04

69 FR 71854

thank you.

best regards,

dave johnston

david johnston  
322 n. 2nd st., #1204  
hbg., pa 17101  
717 236 3604

SISP Review Complete

Templat = ADM-013

1196

E-RIDS = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARD 1)

ROB received

3/9/05

From: Peggy Augustus <keswickstables@webtv.net>  
To: <Northanna\_ESP@nrc.gov>  
Date: Sat, Feb 12, 2005 3:36 PM  
Subject: North Anna

798

Please DO NOT put any more nuclear reactors in Virginia. We neither want nor need them. We already have pollution - we don't need a bigger possibility of radiation.

Peggy Augustus

12/10/04

69 FR 71854

SISP Review Complete

Templat - ADM-013

1197

E-RIDJ = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

RDB received

3/9/05

From: "Sally Bastian" <sbastian5@netzero.net>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Sat, Feb 12, 2005 4:12 PM  
Subject: Reconsider the Lake Anna Early Site Permit

799

February 12, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

Dear NRC,

12/10/04

69 FR 71854

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

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I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

Sally Bastian  
441 Hidden Ridge Rd  
Charlottesville, VA 22902-7244  
USA  
sbastian5@netzero.net

SISP Review Complete

Template = Adm-013

1198

E-R105 = Adm-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

From: Paul Fleisher <pfleishe@earthlink.net>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Sat, Feb 12, 2005 7:43 PM  
Subject: No additional nuclear generation at North Anna

RDB received  
3/9/05

800

No additional permits for nuclear power generation should be issued for the North Anna site until a permanent location for the disposal of high level nuclear waste generated by the current and future generating plants has been approved and constructed.

Paul Fleisher  
2781 Beowulf Ct.  
Richmond VA 23231  
804.795.5326  
pfleishe@earthlink.net  
www.paulfleisher.com

12/10/04  
69 FR 71854

SISP Review Complete

Template = Adm-013

1199

E-RIDs = Adm-03

Add J. Cushing (JXC9)

A. Williamson (ARW2)

RDB received

3/9/05

(801)

From: "Rosemarie Sawdon" <sawdon@msn.com>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Sat, Feb 12, 2005 10:52 PM  
Subject: No nuclear power plant in North Anna

February 12, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Rosemarie Sawdon  
PO Box 125  
Blacksburg, VA 24063-0125  
USA  
sawdon@msn.com

SISP Review Complete

Template = ADM-013

1200

E-RIDS = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

RDB received

3/9/05

From: <Bachdiana393@aol.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Sun, Feb 13, 2005 1:27 PM  
Subject: (no subject)

802

I am writing this to show my opposition for granting an Early Site Permit to Dominion Resources for the construction of two new reactors. There is far too much risk to the environment in this proposal, Lake Anna is already at risk, and the construction of this magnitude would only make the situation worse. Furthermore, security of the surrounding cities is another main concern for those of us living in areas that would be affected adversely by the plant. Then there is the issue of waste management, there is a finite area that can be used for nuclear waste, I feel that other options must be looked at first. Should we not forget Three mile Island, or worse Chernobyl. So I urge you to think long, and hard about the consequences this construction could have on the environment, as well as the people.

12/10/04

69 FR 71854

Sincerely,

Diana Bach  
3330 Parkwood Ave  
Richmone Va, 23221

SISP Review Complete

Template = APR-013

1201

E-RDS - Apr-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

From: "Todd Chenore" <hempogt@hotmail.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Sun, Feb 13, 2005 4:32 PM  
 Subject: Please find an alternative to the North Anna nuclear project

RDB received

3/9/05

803

February 13, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Todd Chenore  
 81 Grove Street  
 #424 Melville Grove  
 Liverpool, L7 7AD  
 United Kingdom  
 hempogt@hotmail.com

SISP Review Complete

Template = ADM-013

1202

E-R103 = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

RDB received

3/9/05

From: "Julie BOND" <juliekaybond@yahoo.com>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Sun, Feb 13, 2005 5:02 PM  
Subject: Please find an alternative to the North Anna nuclear project

804

February 13, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

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Thank you sincerely for your time.

Sincerely,

JULIE BOND  
375 Liguori Rd  
Edgerton, WI 53534-9331  
USA  
juliekaybond@yahoo.com

SISP Review Complete  
Template = ADM-03

1203

E-RIDS = ADM-03  
Add J. Cushing (JXC9)  
A. Williamson (ARW1)

From: "Adrienne Hall Bodie" <bodie@rockbridge.net>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Mon, Feb 14, 2005 7:31 PM  
Subject: ESP for new N Anna reactors

RDB received

3/9/05

805

Chief, Rules and Directives Branch  
Division of Administrative Services  
Office of Administration  
Mailstop T-6D59  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

12/10/04

69 FR 71854

Re: Comments on Draft NUREG-1811

To Whom It May Concern:

I am writing to OPPOSE granting an Early Site Permit (ESP) to Dominion Resources to build two new reactors at the North Anna nuclear plant in Mineral, VA. The draft Environmental Impact Statement states that construction activities permissible under the ESP may stir up heavy metals and other contaminants in the lake sediment. Other effects on the lake, such as temperature increases and reduced water levels, have not been fully analyzed.

Even more important, questions about the adequacy of current security regulations and performance remain unanswered, not to mention the issues of waste generation and its safe, permanent isolation. This is NOT the "clean," "renewable" energy the president touts it to be. It is highly dangerous, not the least to Washington, DC, which is in its radiation radius, should anything go wrong -- and things can and have gone wrong!

Too many questions remain unanswered and too many problems remain unsolved for the NRC to grant an ESP.

Sincerely,

Charles & Adrienne Hall Bodie  
Solevento Farm  
1002 Still House Drive  
Lexington VA 24450

SISP Review Complete  
Template - Adm-013

1204

E-RIDS = Adm-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

Chief, Rules and Directives Branch  
Division of Administrative Services  
Office of Administration  
Mailstop T-6D59  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Re: Comments on Draft NUREG-1811

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Sincerely,

Charles & Adrienne Hall Bodie  
Solevento Farm  
1002 Still House Drive  
Lexington VA 24450

1205

ROB received  
3/9/05

From: Remmers Kenneth D CRBE <RemmersKD@nswccd.navy.mil>  
To: "northanna\_esp@nrc.gov" <northanna\_esp@nrc.gov>  
Date: Tue, Feb 15, 2005 9:05 AM  
Subject: FW: Comments on Draft EIS for North Anna ESP Site NUREG 1811

806

<<ESP at NANPP.doc>> <<O2 Saturation.bmp>>

> -----Original Message-----

> From: Remmers Kenneth D CRBE  
> Sent: Tuesday, February 15, 2005 8:59 AM  
> To: Remmers Kenneth D CRBE  
> Subject: Comments on Draft EIS for North Anna ESP Site NUREG 1811

12/10/04  
69 FR 71854

> Comments on the DRAFT Environmental Impact Study (EIS) for the North Anna Early Site Permit (ESP) are included in the following two dated February 8, 2005:

> Submitted by: Kenneth Remmers, President, Waterside Property Owners Association of Lake Anna  
> 2301 Waterside Dr., Bumpass VA. 23024

CC: "jxc9@nrc.gov" <jxc9@nrc.gov>, "arw1@nrc.gov" <arw1@nrc.gov>

SISP Review Complete  
Template = Apr-03

1206

E-RIDJ = Adm-03  
Add J. Cushing (JXC9)  
A. Williamson (ARW1)

**Comments on the EIS for the ESP of NAPS**

1. Flow rates are confusing in the report. Some liters/ second, meters<sup>3</sup> / second, ft<sup>3</sup> / second, and gallons / minute are used. I suggest that the same units be used throughout the ESP report. I will try to use gallons/ minute in my discussion.  
Liters/second X 15.85 = gallons/ minute Feet cubed / second X 448.83 = gallons/ minute
2. ESP uses 242-foot level as the minimum lake level before shutdown for unit 3. Unit 3 should use the 244-foot level not 242 as is currently used by units 1 and 2 until NRC has studied the proposed 242 level.

**3. Can Dike 3 handle the increased discharge of the third plant or will the Waste Heat Treatment Facility (WHTF) (Warm side) level increase?**

Plants 1 & 2 each draws 952,873 gal/min in a once pass through cooling with a temperature increase of 14 degrees F. Plant 3 is proposed at 20% more discharge rate at 1,140,000 gal/min with no discussion as why the increased amount, thereby increasing the heat load and output pass through temperature to 18-degree F. **Are the proposed Units 3 and 4 larger than Units 1 and 2?** The total draw from the once pass through cooling for three plants is 3 Million gal/min or 4.38 Billion gal/day. Section 5.3 states that one inch of lake level translates to 14m<sup>3</sup>/sec (500 cfs) or 224,417 gal/min. This is not clear. If we use 13,000 acres of lake and calculate the number of gallons per inch of Lake Height, we get the following:

$$13,000 \text{ acres} \times 43,560 \text{ ft}^2/\text{acre} \times 1/12 \text{ ft height} \times 7.48052 \text{ gal/ft}^3 = 353,005,738 \text{ gallons/inch of lake height}$$

Dividing this into the daily pass through for cooling of 4.38 Billion gallons, we get an equivalent of 12.4 inches of Lake Height each day passing through the WHTF. This is compared to an equivalent of 7.7 inches of Lake Height passing through the WHTF each day with the existing two plants operating. For comparison, in low water levels, discharge from the damn is 20 cfs or 8,976 gallons/minute, which equates to 12.9 Million gallons per day. With 4.38 Billion gallons/day passing from the WHTF and only 12.9 Million gallons discharging, there will be serious mixing of the WHTF water in the lower and middle lake. **Can dike 3 handle 4.38 Billion gallons/day discharge into the main lake? What is the expected rise in water height of the WHTF from the current height when Units 1, 2, and 3 are operating?** If it is expected to be a foot or more, residents' docks may be under water.

**4. What can the maximum expected temperature of the WHTF be?**

ESP indicates the maximum temperature increase will be from 14 to 18 degrees F across the once passing cooling or an increase of 4 degrees F. There is no discussion as to the expected temperatures in the WHTF (Warm Side). Section 5.4.2.4 of the ESP indicates that on the cool side at the intake, Thurman Island, and Burrus Point,

95degrees F would be reached 6 days out of one year in 42. At this time the WHTF would be 113 degrees F. At the intake location, 90 degrees F would be exceeded 8 days per year during June to September. The WHTF would be 108 degrees F. Section 3.2.2.1 states that based on the PPE, the maximum discharge temperature will be 127 degrees F. This would equate to an input temperature at the intake of 119 degrees F. This seems inconsistent with the maximum of 95 degrees stated above. If we look at the history of water temperatures collected for the DEQ by LACA over the last four years, we can see actual temperatures at a depth of 0.3 meters for the power plant intake and an average of three points in the WHTF. The intake is LACA Site 4 and the averages of three points in the WHTF are from Rock Creek Site 30, Millpond Creek Site 31 and Elk Creek Site 32. Table 1 shows these temperatures measured four time a year. The first thing to point out in the table is during a non-drought year of 2003 in August the WHTF reached 96.8 degrees F. The delta from intake to exhaust was about 12.4 degrees. This agrees closely with the predicted 14 degrees F. If the third plant were added, this temperature would rise to 100.8 degrees F. Occurrence of mid 90 degree F water temperature in the WHTF occurs in three out of the last four years with the fourth year just below 90 degrees F with only two units operating. WHTF temperatures of 100 degrees F or more will make the WHTF unsuitable for recreation, swimming and aquatic life. **In table 5.12 of the ESP, Hydrological alterations as presented will have an impact level of MODERATE and not SMALL as represented by ESP.** Since this report documents that Virginia Pollutant Discharge Elimination System (VPDES) permits would be required the fact that no treatment of the water is required for plants 1 and 2. **Has VPDES been contacted about the possibility of adding of biocides, antiscalants, and dispersants into the water?**

**5. What will happen to the Dissolved Oxygen (DO) in the WHTF at temperature 100 degrees F or higher?**

The ESP addresses aquatic life in the cool side only at Burrus Point and Thurman Island. No mention was made as to the aquatic life in the WHTF. DEQ measurements by LACA show that the WHTF DO is about 1 PPM below saturation for the temperatures measured when using the more accurate electronic meters currently employed versus the Winkler method previously used. For temperatures at or above 100 degrees F, the DO of the WHTF will be in the 5 PPM where fish cannot survive. **Table 5-21 of the ESP, for the Aquatic Ecosystems should have an impact level of MODERATE and not SMALL as represented by the ESP.** (Table 2 handout of Oxygen Saturation (ppm) by weight). Section 7.3 of the EIS, Water Use and Quality states that "The intake of water from and the discharge of water to Lake Anna from the new units would be regulated by the Virginia Department of Environmental Quality (VDEQ) just as the existing NAPS units 1 and 2 are". **Has VDEQ been contacted with respect to the additions of units 3 and 4 about the increased water temperature of the Lake and the lower Dissolved Oxygen levels? Will VDEQ set a maximum temperature for water re-entering the reservoir form the WHTF at Dike 3 as part of their discharge permit?**

**6. What happens to temperatures and lake levels with the third plant operating?**

ESP Section 5.3.2 states that the 20-cfs (8,977-gallons/min) discharge will go from 5.8% to 11.8% of the time. Therefore residence of the cool side can expect the time that the lake will be 2 foot or more down will be twice the time as currently seen. This low level will occur every two years versus every four years currently.

Temperatures will be increased as outlined above in the WHTF and for the Cool side as well. They will be hotter earlier in the year and stay hotter longer due to the fact that the third plant is adding more waste heat. Currently when one plant is shut down for maintenance less heat is introduced to the WHTF by  $\frac{1}{2}$ , but when three plants are operating only one is shut down, now  $\frac{2}{3}$  versus  $\frac{1}{2}$  of the heat continues to go into the WHTF. No discussion in the ESP is presented as to how many units will be expected to operate at any time. **Will the EIS discuss the maintenance plan for the overall NAPS and to what percentage of the time will all or some of the plants be running compared to existing units 1 and 2's history?**

**7. What solution will work with the ESP and not effect current Environmental System?**

Several possible solutions are proposed. Obviously the decommissioning either one or both existing units 1 and 2 will keep the "status quo". Next, a Dry Cooling tower can be built for each Unit 3 and 4 or a larger one for both units 3 and 4. Since there is a penalty for dry cooling of 8.5 to 11%, it would only be used when the WHTF reaches a temperature of 96 degrees F or some other prescribed conditions. Otherwise the once pass through cooling would be used. Another option would be to shut down one of the three units when the WHTF reaches a temperature of 96 degrees F or other prescribed conditions. Any of the above solutions would be generally be acceptable to residents of the lake. A forth option would be to shut down one of the units using the once pass through cooling when the discharge temperature at dike 3 reaches a pre-described temperature. A fifth option would be to introduce supplemental cooling water other than from the reservoir. **Has NRC or Dominion looked into the possibility of using water from the New James River Pipeline that is currently under construction for supplemental water for cooling?**

**8. Can you answer the informal questions about the comparative cost for a dry cooling tower for unit 3 versus the once pass through cooling proposed? Have any studies been done on sprayers in the WHTF? What about the cost versus cooling, evaporation, and aeration for these sprayers?**

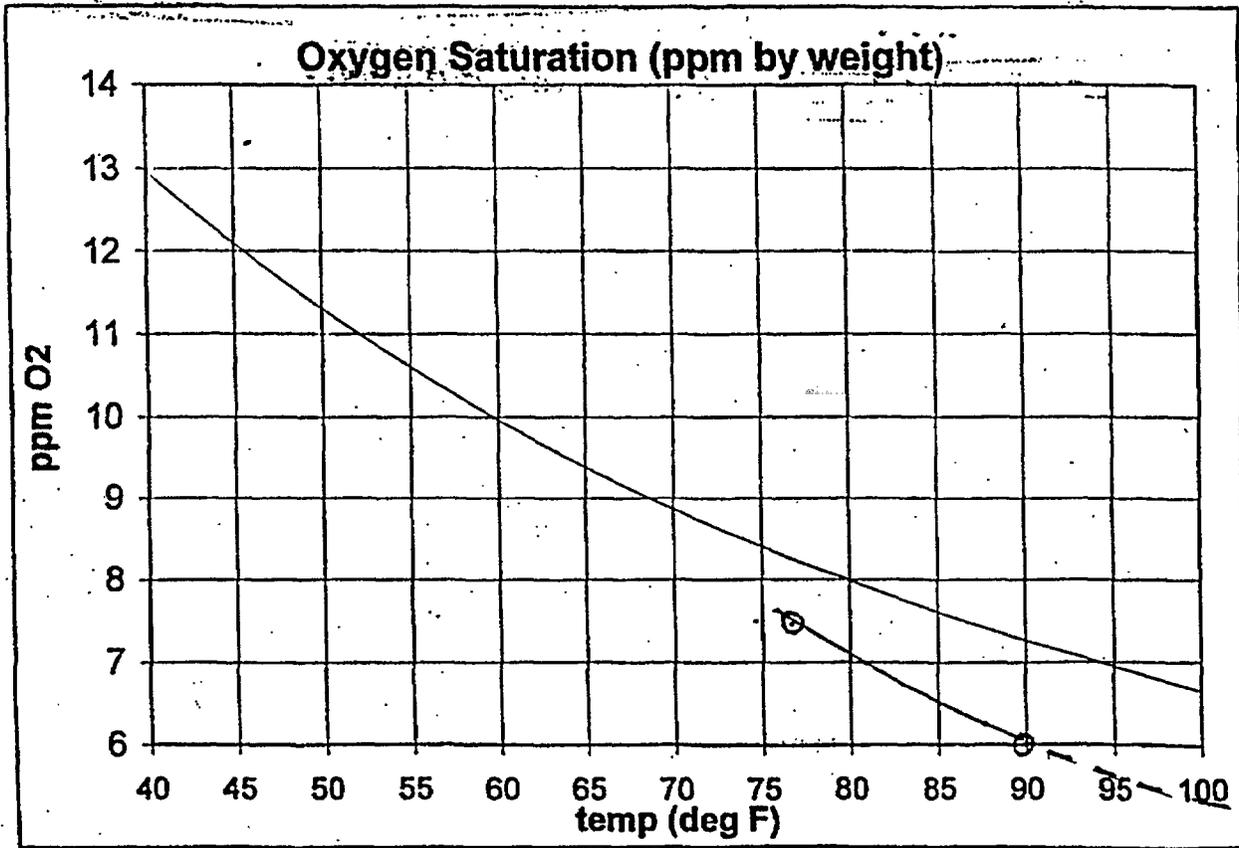
**Table 1 DEQ Data taken by LACA Water Quality CY 01 Through CY04**

| Date     | Plant intake (deg F) | WHTF (deg F)  | Delta increase (deg F) |
|----------|----------------------|---------------|------------------------|
| 3/15/01  | ~51.8                | 57            | ~5.2                   |
| 5/30/01  | 69.8                 | 80.6          | 10.8                   |
| 8/22/01  | 81.1                 | 93.2          | 12.1                   |
| 12/5/01  | 57.2                 | water too low | ---                    |
| 4/23/02  | ~62.6                | 83.1          | ~20.5                  |
| 6/26/02  | ~80.6                | 94.1          | ~13.5                  |
| 8/21/02  | ~84.2                | 91.4          | ~7.2                   |
| 10/16/02 | ~68                  | 73.4          | 5.4                    |
| 4/28/03  | 60.8                 | 71.6          | 10.8                   |
| 6/16/03  | 77                   | 83.3          | 6.3                    |
| 8/19/03  | 84.4                 | 96.8          | 12.4                   |
| 10/20/03 | 65.8                 | 77            | 11.2                   |
| 4/20/04  | 62.6                 | 73.4          | 10.8                   |
| 7/23/04  | 77                   | 87.8          | 10.8                   |
| 8/18/04  | 79.7                 | 89.6          | 9.9                    |
| 10/18/04 | 68.2                 | 76.6          | 8.4                    |

Data from: [https://www.deq.state.va.us/webapp/wqm\\_station.get\\_parm2](https://www.deq.state.va.us/webapp/wqm_station.get_parm2),

Enclosure : Oxygen Saturation Versus Temperature

**Submitted by: Kenneth Remmers, President Waterside Property Owners Association  
2301 Waterside Dr.  
Bumpass, VA 23024**



⊙ MEASURED LEVELS FOR DES 6, LAC  
with QUANTA METERS, 2004 (WATF)

**From:** Jim Nelson <james4765@verizon.net>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Tue, Feb 15, 2005 4:29 PM  
**Subject:** My feelings on the North Anna power plant expansion.

I would hope that there is no attempt to start up the construction of nuclear power plants in this country. They are among the most dangerous pieces of industrial equipment on the planet, with environmental consequences lasting for thousands of years.

I am also concerned about the costs of cleanup of these power plants if the companies that own them go bankrupt - which will happen eventually. This will mean that taxpayer money will be used to clean up the irresponsibility of another industry. Don't you think one Superfund was enough?

The NRC is in an unusual position, in that it has a detailed understanding of the costs involved with nuclear power plants, including the decommissioning and hazardous waste disposal. Should we really resume imposing these costs on ourselves and future generations?

Thanks for your time,

James Nelson  
3120 Stuart Ave. Apt. A  
Richmond, VA 23221

RDB received

3/9/05

807

12/10/04

69 FR 71854

SISP Review Complete

Template = Adm-013

1213

E-R105 = Adm-03

Add J. Cushing (JXC9)

A. Williamson (ARW 2)

ROB received

3/9/05

From: "Samuel Robert Kroiz" <srk7f@neon.mail.virginia.edu>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Tue, Feb 15, 2005 7:20 PM  
 Subject: Comments on draft NUREG-1811 (Early Site Permit for North Anna,VA)

(808)

To whom it may concern: I am writing to oppose granting an early site permit to Dominion Resources to build two new reactors at the North Anna nuclear plant in Mineral, VA. The issues addressed in the EIS concerning lake water levels and temperature, and problems with stirring up contamination during construction are drastically underanalyzed. I find it even more disgusting that the huge issue of storing and safeguarding all the new waste that will be produced is completely ignored. For generations we have been creating this extremely hazardous waste, expecting that the next generation will be able to figure out what to do with it. There is still no viable solution to this waste problem, and it would be grossly irresponsible for the NRC to grant ANY approval for ANY permit (no matter how early) in the process of building new plants at North Anna; plants that would produce more waste for our children and their children to deal with. Until waste and other important issues are fully addressed, the NRC SHOULD NOT grant an ESP. Sincerely, Samuel Kroiz, 413 Brandon Ave. Apt #6, Charlottesville, VA 22903

12/10/04

69 FR 71854

SISP Review Complete

Template - Adm-013

1214

E-R105 = Adm-63

Add J. Cushing (JXC9)

A. Williamson (ARW1)

From: "Josh Swartzbaugh" <susejosh@yahoo.com>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Tue, Feb 15, 2005 11:42 PM  
 Subject: Reconsider the Lake Anna Early Site Permit

RDB received

3/9/05

(809)

February 15, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

Currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

Josh Swartzbaugh  
 1025 Meadowsweet Dr  
 Clayton, OH 45315  
 USA  
 susejosh@yahoo.com

SISP Review Complete

Template = ADM-013

1215

E-RIDJ = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW2)

From: "Beth Davies" <aec@windbits.net>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Wed, Feb 16, 2005 8:42 AM  
 Subject: Reconsider the Lake Anna Early Site Permit

RDB received

3/9/05

(810)

February 16, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

Beth Davies  
 PO Box E  
 Saint Charles, VA 24282-0166  
 USA  
 aec@windbits.net

SISP Review Complete

Template = ADM-013

1216

E-RIDs = ADM-03

Add J. Cushing (@JXC9)

A. Williamson (ARW1)

ROB received

3/9/05

From: Lenore Bassett <lenorebee@yahoo.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Wed, Feb 16, 2005 10:57 AM  
Subject: nuclear energy plant

(811)

Nuclear energy is NOT the way to go! It threatens society with its danger and there is no way to dispose of its waste, endangering our entire planet.

It is time to use other non-fossil fuel energy alternatives, such as wind, solar power and others. If money were allocated to this research before, we would already be able to benefit from better methods of producing energy.

12/10/04  
69 FR 71854

NO NUCLEAR!

Lenore Bassett

206 Tinker Mountain Drive  
Daleville, Virginia 24083  
(540)591-9008

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Do you Yahoo!?  
Yahoo! Mail - now with 250MB free storage. Learn more.  
[http://info.mail.yahoo.com/mail\\_250](http://info.mail.yahoo.com/mail_250)

SISP Review Complete

Template = Adm-013

1217

E-RIDJ = Adm-03  
Add J. Cushing (JXC9)  
A. Williamson (ARW1)

From: <Ashok\_Bankley@dom.com>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Mon, Feb 21, 2005 8:20 AM  
 Subject: ESP COMMENT

RDB received

3/9/05

812

Please replace my previous comment dated February 16, 2005 with the following:

In practical terms, nuclear energy is the best possible answer to the environmental and economic hardships that the people of the world are already experiencing. Nuclear energy has been demonstrated as the cleanest form of energy in several parts of the world. It has come out on top after the challenges of the seventies and eighties with an enviable safety record. The environmental and other activists have no real bases to oppose nuclear energy. The United States of America is falling behind in pursuing the nuclear energy option and needs to catch up with countries such as Japan, France, China, India, and Korea. The electric power generation from nuclear energy must be revived with the approval of early site permit (ESP) at North Anna followed by the issuance of combined license for construction and operation (COL). The one-step licensing and economic viability of the safest, the cleanest and the most modern nuclear technology must be demonstrated. It is heartening to know that Dominion is at the forefront of this move. Just as the spiraling costs of fossil energy are a reality, the supply and demand projections show that the real shortage of electricity without nuclear power is waiting to happen in the coming decade or two. The time to support nuclear energy, and the government and the industry to act is overdue. The time to build advanced nuclear reactors is now. The ESP and COL application are just two tiny but monumental steps in the pursuit of nuclear energy option here in the United States and should not be thwarted by what amounts to a baseless anti-nuclear propaganda. More importantly, nuclear energy must be harnessed by building many more modern nuclear plants for the current and coming generation to enjoy cleaner environment, economic prosperity, and less dependence on foreign oil.

12/10/04

69 FR 71854

Thank you.

SISP Review Complete

Template = ADM-013

E-RIDs = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW)

1218

ROB received

3/9/05

From: "Katie Boyle" <ktb5t@virginia.edu>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Thu, Feb 17, 2005 9:52 AM  
 Subject: No nuclear power plant in North Anna

(813)

February 17, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

Currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

Katie Boyle  
 105 DeAyllon Court  
 Poquoson, VA 23662  
 USA  
 ktb5t@virginia.edu

E-RIDS = ADM-03

Add J. Cushing (JXC9)

A-Williamson (AW1)

SISP Review Complete

Templat = ADM-013

1219

ROB received

3/9/05

From: "Marion McDonald" <emnemsfds@aol.com>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Thu, Feb 17, 2005 12:23 PM  
Subject: No nuclear power plant in North Anna

814

February 17, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

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Thank you sincerely for your time.

Sincerely,

Marion McDonald  
5000 Cartersville Rd  
Powhatan, VA 23139-3911  
USA  
emnemsfds@aol.com

E-RID = Adm-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

SISP Review Complete

Template = Adm-013

1220

ROB received

3/9/05

From: <Emnemsfds@aol.com>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Thu, Feb 17, 2005 1:24 PM  
 Subject: ESP for Dominion Resources, Inc

(815)

My opposition to the granting of an ESP to Dominion Resources, Inc. for the purpose of permitting 2 new reactors at North Anna is expressed below:

February 17, 2005

12/10/04

Re: ESP for North Anna nuclear reactors

69 FR 71854

In 1982, I spoke at a public hearing before the Atomic Safety & Licensing Board concerning the licensing of the Waterford 3 nuclear reactor in Louisiana.

Nothing has changed. The facts are still the same: nuclear is a flawed technology.

It is flawed because the first step of the fuel cycle, extraction of uranium ore from the earth, involves a deadly exploitation of uninformed and unprotected miners. I was teaching on the Navajo Reservation in 1972 when the unemployment rate was 65%. By 1979, attractive salaries offered by the uranium mines in the 85-mile Grants Mineral Belt led many Native American miners to sign on and ultimately supply more than half of the uranium used in this country. These miners were given no information about and no protection against the radon and radium to which they were exposed. Lung cancer, previously unknown among the Navajos, was predicted by the United Mine Workers Union to be the probable cause of death for 80-90% of the uranium miners. Only a flawed technology could exact this kind of human cost.

Mill tailings, alone, have contributed to an untold number of deaths. Remember the 100 million gallons of uranium tailing solution along with 1000 tons of solid material that flooded the Navajo's life-sustaining Rio Puerco River due to a broken dam. The Churchrock, NM reactor responsible for this situation was shut down barely 3 months. The deadly consequences to the people continue.

Nuclear technology is flawed because we are no closer now than we were 40 years ago to finding a safe and permanent mode of nuclear waste disposal—radioactive waste that has accumulated by the thousands of tons that will remain dangerously toxic for hundreds of thousand of years. Yet we read that "the search for a definitive method of disposal...drags on" and the temporary storage methods now in use or being suggested for use generate multiple questions concerning duration, stability, adequacy and guardianship of the stored material.

Every additional nuclear reactor exacerbates the plight of the uranium miners and the people who live in the mining areas, and condemns generations to come to the despicable task of maintaining and guarding tons and tons of radioactive waste generated by a flawed technology, the use of which technology these future generations will never be able to comprehend. Only a flawed technology could exact this kind of commitment from generations yet to be born.

As the late E. F. Schumacher said: "No degree of prosperity could justify the accumulation of large amounts of highly toxic substances which nobody knows how to make 'safe' and which remain an incalculable danger to the whole of creation for historical or even geological ages. To do such a thing is a transgression infinitely more serious than any crime ever perpetrated by humans. The

E-R103 = ADM-03

SISP Review Complete

Template = ADM-013

1221

Add J. Cushing (JXC9)

A. Williamson (ARW2)

idea that a civilization could sustain itself on the basis of such a transgression is an ethical, spiritual, and metaphysical monstrosity. It means conducting the economic affairs of humans as if people really did not matter at all".

Additional nuclear reactors are not needed; renewable energy sources can accomplish as much and more than nuclear generated energy has or ever will. And with none of the lethal consequences of the flawed nuclear technology.

Respectfully,  
Sr. Marion M. McDonald, sfcc

1222

ROB received  
3/9/05

From: "sidney sitzer" <sitzer@hotmail.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Thu, Feb 17, 2005 1:46 PM  
Subject: Objection to the North Anna Nuclear Power Plant

816

To those making this important decision:

In view of the fact that the CIA is positive predicting a major terrorist attack in the near future, it is positively foolhardy to put four nuclear reactors together at North Anna about 50 miles from Washington DC, creating a target for a stupendous terrorist attack. This is a private facility that anyone with an AK47 could go into and shoot up the place. What kind of security and evacuation plan is on the books for this? Can Wasington DC be evacuated without a tremendous loss of lives in the event of a radiation leak or an explosion? Look at what happened in Chernobyl. Long Island, NY has closed down the Shoreham facility. We should be able to learn from the leak at Three Mile Island. Our govt in the past showed courage in limiting and putting a moratorium on new nuclear facilities from 1997 till now. Why all of a sudden is there new interest in creating this danger? The same problem of disposing of the spent fuel rods still exists today as it did in 1997. There is no new technology for this. In fact, more and more states do not want radioactive material shipped accross state lines. (Yucca Mtn. does not want it).

12/10/04  
69 FR 71854

These impending nuclear reactors will change the temperature of the lake where the outflow goes and use a tremendous amount of water from an area in Central Virginia where there is a lack of water already. The population is growing in Chrlottesvillle and Richmond and these are becomming high density areas.

The additon of two new nuclear reactors makes no sense at all, and creates an accident waiting to happen. More study needs to go into alternative energy sources such as wind power. There is a lot of wind on the mountains that can be harnassed. We need to learn from the example that California is setting with wind farms on the mountains with giant propellers. Natural gas is plentiful in the coal mines of West Virginia. Methane gas from landfills and decomposing cow manure can be harnassed for energy to run the electric generators.

We need to study all the options before putting our area into a check mate situation.

Thank you.

Shelly and Sid Sitzer  
665 Fairgrove Court  
Earlsville, VA 22936

E-R105 = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

SISP Review Complete

Template = ADM-013

1223

ROB received

3/9/05

From: "Lindsay Anne Hawks" <lah2q@tetra.mail.virginia.edu>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Thu, Feb 17, 2005 4:06 PM  
Subject: Comments on Draft NUREG-1811

817

To Whom It May Concern:

I am writing in ADAMENT OPPOSITION to the granting of the Early Site Permit to Dominion for the building of two new reactors at North Anna's nuclear plant in Mineral, VA.

The negative impacts of the construction process and future facility on the lake are not fully understood, and have the potential to be devistating. These possible negative impacts will not only affect the biota of the lake and its ecosystems, but also the human community who call Lake Anna and Mineral home. The impacts also have the potential to affect a much greater area in the case of facility performance failure/problems and waste generation and disposal. The issue of security also has profound implications. Because of these main reasons, and because there are still many other questions that remain unanswered, I have to pledge my opposition to the granting of the ESP on behalf of community stability.

12/10/04

69 FR 71854

Sincerely,

Lindsay Hawks  
413 Brandon Ave. Apt #6  
Charlottesville, VA 22903

SISP Review Complete

Template = ADN - 613

E- RIDS = ADN - 63

Add J. Cushing (JXC9)

A. Williamson (ARD1)

1224

From: <lawrence.salomone@srs.gov>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Thu, Feb 17, 2005 5:38 PM  
Subject: Comments - Report No. NUREG-1811, draft

ROB received

3/9/05

818

On behalf of the Westinghouse Savannah River Company, the M&O contractor at the Savannah River Site since 1989, we appreciate the opportunity to review Report No. NUREG-1811, draft. Attached are the electronic version of the cover letter and comments with additional relevant information and supporting data regarding Report No. NUREG-1811, draft, entitled, "Draft Environmental Impact Statement for an Early Site Permit (ESP) at the North Anna ESP Site."

12/10/04

69 FR 71854

Please note that a hard copy of the attachments have also been sent to Mike Lesar, Chief, Rules Review and Directives Branch.

Sincerely,  
Lawrence A. Salomone  
Site Chief Geotechnical Engineer  
Westinghouse Savannah River Company  
Savannah River Site  
Building 730-4B, Room 3125  
Aiken, SC 29808  
(803) 952-6854

SISP Review Complete

Template = Adm-03

1225

E-RIDS = Adm-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)



**SAVANNAH RIVER SITE**  
 Aiken, SC 29808 • www.srs.gov

February 15, 2005

WSR-2005-00047

RSM Track #: 10667

Mr. M. Lesar  
 Chief, Rules Review and Directives Branch  
 U.S. Nuclear Regulatory Commission  
 Mail Stop T6-D59  
 Washington, DC 20555-0001

Dear Mr. Lesar:

**DRAFT ENVIRONMENTAL IMPACT STATEMENT FOR AN EARLY SITE PERMIT (ESPL) AT THE NORTH ANNA ESP SITE, REPORT NO. NUREG-1811**

On behalf of Westinghouse Savannah River Company, the M&O contractor at the Savannah River Site since 1989, we appreciate the opportunity to review the report entitled, "Draft Environmental Impact Statement (EIS) for an Early Site Permit (ESP) at the North Anna ESP Site, Report No. NUREG-1811." As you know, this draft EIS includes the NRC staff's analysis of environmental impacts for constructing and operating two nuclear units at the North Anna ESP site or at alternate sites (Savannah River Site, Portsmouth Site and Surry Site). We have focused our comments on those sections in the report that discuss the SRS. General and detailed comments are provided. The detailed comments are those changes in the report that result from the general comments.

There are four general comments. They can be summarized as follows:

- The assessment in the report did not credit the extensive environmental and geotechnical database that exists at the SRS;
- Construction and operation impacts for some environmental impacts were overstated as "small to moderate" because the author(s) assumed that the detailed routing of the transmission line right-of-ways are not known at this time. Power from the SRS will be transmitted using existing right-of-ways on and off the site and; therefore, the environmental impacts would be "small."
- Transportation impacts were overstated in community characteristics as "small to moderate" because the assessment did not credit the site as having an infrastructure on and off the site that has already accommodated a workforce of 25,000. This maximum workforce of 25,000 employees is approximately 40% below the projected workforce required for the facility. The environmental impact would be "small."
- The assessment in the report did not credit the relatively isolated location of the SRS and the low nearby density when discussing generic environmental impacts (air quality, nonradiological and radiological health impacts and environmental impacts from postulated accidents) that are dependent on nearby population density and distribution.

Attached are the general and detailed comments with the additional relevant information and supporting data for the changes.

If there are any questions or comments, please contact Lawrence A. Salomone, Site Chief Geotechnical Engineer, at (803) 952-6854.

Sincerely,

Robert A. Pedde  
 President

LS:dmc  
 Enc.

**WESTINGHOUSE SAVANNAH RIVER COMPANY**

The WSRC Team: Westinghouse Savannah River Company LLC • Savannah River, Inc. • BNFL Savannah River Corporation  
 BWXT Savannah River Company • CH2 Savannah River Company

**1226**

**Comments on Draft Environmental Impact Statement for an Early Site Permit (ESP) at the  
North Anna ESP Site (NUREG-1811, draft)**

**By**

**Westinghouse Savannah River Company**

**Aiken, SC 29808**

**GENERAL COMMENTS**

A review of the Draft Environmental Impact Statement for an Early Site Permit (ESP) at the North Anna ESP Site, NUREG-1811 shows that several factors within its scope did not adequately consider available information that if properly credited would demonstrate that all environmental impacts associated with the Savannah River Site are either small or beneficial. The information in question may be summarized as follows:

- The very high level of environmental assessment and characterization of SRS was not accurately credited. SRS has been described as one of the most characterized sites in the Department of Energy (DOE) Complex. In 1951 a baseline environmental study was undertaken as part of initial site startup. In 1970, SRS was named the first National Environmental Research Park. The Savannah River Site (SRS) was characterized in detail as part of a rigorous site selection process and NEPA analysis for a previously proposed mission (Accelerator Production of Tritium). More recently, the Nuclear Regulatory Commission (NRC) has published an Environmental Impact Statement for the Mixed Oxide Fuel Fabrication Facility at the SRS. SRS publishes extensive environmental reports annually, and has extensive monitoring, research, restoration, and remediation information available from numerous SRS organizations (SGCP, SRNL, Site Geotechnical Engineering, SR Forest Service, Environmental Monitoring Section, and SREL) as well as many regional colleges and universities (Clemson, USC, USC-A, SC State, College of Charleston, UGA, GA Tech., Emory and Augusta State).
- Construction and operation impacts for transmission lines were overestimated and would be **SMALL**. Although transmission lines on the Savannah River Site may need to be upgraded, the transmission lines would use existing right-of-ways, and any construction impacts would be minimal. Offsite, 500-kV transmission lines and switchyards already exist at Plant Vogtle (adjacent to the site and directly across the Savannah River). The 500-kV transmission lines at Plant Vogtle connect to the regional grid so that no additional right-of-ways would be needed. Construction, if any, would merely add additional capacity to the existing lines and a switchyard at the SRS depending on the power being transmitted. Assuming the power from the SRS may be transmitted to a location 60 miles to the west is not realistic because right-of-way and permits may be excessive and time consuming to obtain. This assumption creates unnecessary conservatism in the environmental impacts presented in the report for the SRS.
- Transportation impacts were overestimated and would be **SMALL**. The assessment did not credit the fact that the existing infrastructure on and in the vicinity of the site is designed and constructed to accommodate a much larger workforce than will exist at the site during the construction and operation phase of the proposed nuclear plant. The assessment does not credit the fact that, even with the 38% increase, the site workforce would still be ~40% below its 1993 peak of ~25,000 employees.

- The assessment did not credit the relatively isolated location of SRS and the low nearby population density relative to the other candidate sites when discussing generic environmental impacts to all sites. The generic environmental impacts listed in the report (air quality, nonradiological and radiological health impacts and environmental impacts from postulated accidents) are dependent on the nearby population density and distribution, and should, therefore, be different for each site.

Detailed comments reflecting the aforementioned general comments are provided in the pages that follow.

**DETAILED COMMENTS**

| No. | Page | Section | Line | Comment   |
|-----|------|---------|------|---|
| 1   | 8-63 | 8.7.1   | 30   | <p>Change the transmission system impacts to "SMALL" (from "SMALL to MODERATE").</p> <ul style="list-style-type: none"> <li>Although transmission lines on the Savannah River Site may need to be upgraded from 115-kV to 230-kV or 500-kV, the transmission lines would use existing right-of-ways, and any construction impacts would be minimal. Offsite, 500-kV transmission lines and switchyards already exist at Plant Vogtle (adjacent to the site and directly across the Savannah River). The 500-kV transmission lines at Plant Vogtle connect to the regional grid so that no additional right-of-ways would be needed. Construction, if any, would merely add additional capacity to the existing lines and a switchyard at the SRS depending on the power being transmitted. Assuming the power from the SRS may be transmitted to a location 60 miles to the west is not realistic because right-of-way and permits may be excessive and time consuming to obtain. This assumption creates unnecessary conservatism in the environmental impacts presented in the report for the SRS.</li> </ul> |
| 2   | 8-63 | 8.7.1   | 37   | <p>Change the transmission system impacts to "SMALL" (from "SMALL to MODERATE").</p> <ul style="list-style-type: none"> <li>Although transmission lines on the Savannah River Site may need to be upgraded from 115-kV to 230-kV or 500-kV, the transmission lines would use existing right-of-ways, and any construction impacts would be minimal. Offsite, 500-kV transmission lines and switchyards already exist at Plant Vogtle (adjacent to the site and directly across the Savannah River). The 500-kV transmission lines at Plant Vogtle connect to the regional grid so that no additional right-of-ways would be needed. Construction, if any, would merely add additional capacity to the existing lines and a switchyard at the SRS depending on the power being transmitted. Assuming the power from the SRS may be transmitted to a location 60 miles to the west is not realistic because right-of-way and permits may be excessive and time consuming to obtain. This assumption creates unnecessary conservatism in the environmental impacts presented in the report for the SRS.</li> </ul> |

| No. | Page | Section | Line | Comment  |
|-----|------|---------|------|--|
| 3   | 8-67 | 8.7.3   | 6    | <p>Change the impact of construction on terrestrial resources (including threatened and endangered species) to "SMALL" (from "SMALL to MODERATE").</p> <ul style="list-style-type: none"> <li>The current rating of SMALL to MODERATE is based on the assumption that new transmission right-of-ways may be needed and that the impacts are indeterminate until the new routes are specified. Onsite, any new transmission lines would use existing right-of-ways, which would require some upgrade and would therefore have some minimal impact. Offsite, existing 500-kV transmission right-of-ways would be used as is, or would require an upgrade in capacity only; construction impacts would be minimal. Assuming the power from the SRS may be transmitted to a location 60 miles to the west is not realistic because right-of-way and permits may be excessive and time consuming to obtain. This assumption creates unnecessary conservatism in the environmental impacts presented in the report for the SRS.</li> </ul> |
| 4   | 8-67 | 8.7.3   | 11   | <p>Change the impact of operation on threatened and endangered species to "SMALL" (from "SMALL to MODERATE").</p> <ul style="list-style-type: none"> <li>The current rating of SMALL to MODERATE is based on the assumption that new transmission right-of-ways may be needed and that the impacts are indeterminate until the new routes are specified. Onsite, any new transmission lines would use existing right-of-ways, which would require some upgrade and would therefore have some minimal impact. Offsite, existing 500-kV transmission right-of-ways would be used as is, or would require an upgrade in capacity only; construction impacts would be minimal. Assuming the power from the SRS may be transmitted to a location 60 miles to the west is not realistic because right-of-way and permits may be excessive and time consuming to obtain. This assumption creates unnecessary conservatism in the environmental impacts presented in the report for the SRS.</li> </ul>                                      |
| 5   | 8-73 | 8.7.5.3 | 13   | <p>Change the transportation impacts of the construction workforce to "SMALL" (from "SMALL to MODERATE").</p> <p>The assessment currently concludes that the transportation impacts of the construction workforce would be SMALL to MODERATE because the construction workforce would add 38% to the current Savannah River Site workforce, thereby adversely impacting transportation. The assessment does not credit the fact that, even with the 38% increase, the site workforce would still be ~40% below its 1993 peak of ~25,000 employees. Also, the current assessment does not credit the fact that the area transportation infrastructure is designed and constructed to handle this larger workforce.</p>  |

| No. | Page | Section   | Line | Comment   |
|-----|------|-----------|------|---|
| 6   | 8-81 | Table 8-6 | 6    | <p>Change the Transmission corridors impacts for the Savannah River Site to "SMALL" (from "SMALL to MODERATE").</p> <ul style="list-style-type: none"> <li>The current rating of SMALL to MODERATE is based on the assumption that new transmission right-of-ways may be needed and that the impacts are indeterminate until the new routes are specified. Onsite, any new transmission lines would use existing right-of-ways, which would require some upgrade and would therefore have some minimal impact. Offsite, existing 500-kV transmission right-of-ways would be used as is, or would require an upgrade in capacity only; construction impacts would be minimal. Assuming the power from the SRS may be transmitted to a location 60 miles to the west is not realistic because right-of-way and permits may be excessive and time consuming to obtain. This assumption creates unnecessary conservatism in the environmental impacts presented in the report for the SRS.</li> </ul> |
| 7   | 8-81 | Table 8-6 | 12   | <p>Change the Terrestrial ecosystems impacts for the Savannah River Site to "SMALL" (from "SMALL to MODERATE").</p> <ul style="list-style-type: none"> <li>The current rating of SMALL to MODERATE is based on the assumption that new transmission right-of-ways may be needed and that the impacts are indeterminate until the new routes are specified. Onsite, any new transmission lines would use existing right-of-ways, which would require some upgrade and would therefore have some minimal impact. Offsite, existing 500-kV transmission right-of-ways would be used as is, or would require an upgrade in capacity only; construction impacts would be minimal. Assuming the power from the SRS may be transmitted to a location 60 miles to the west is not realistic because right-of-way and permits may be excessive and time consuming to obtain. This assumption creates unnecessary conservatism in the environmental impacts presented in the report for the SRS.</li> </ul> |
| 8   | 8-81 | Table 8-6 | 14   | <p>Change the T&amp;E Species impacts for the Savannah River Site to "SMALL" (from "SMALL to MODERATE").</p> <ul style="list-style-type: none"> <li>The current rating of SMALL to MODERATE is based on the assumption that new transmission right-of-ways may be needed and that the impacts are indeterminate until the new routes are specified. Onsite, any new transmission lines would use existing right-of-ways, which would require some upgrade and would therefore have some minimal impact. Offsite, existing 500-kV transmission right-of-ways would be used as is, or would require an upgrade in capacity only; construction impacts would be minimal. Assuming the power from the SRS may be transmitted to a location 60 miles to the west is not realistic because right-of-way and permits may be excessive and time consuming to obtain. This assumption creates unnecessary conservatism in the environmental impacts presented in the report for the SRS.</li> </ul>        |

| No. | Page | Section   | Line | Comment   |
|-----|------|-----------|------|---|
| 9   | 8-81 | Table 8-6 | 18   | <p>Change the Community Characteristics impacts for the Savannah River Site to "SMALL" (from "SMALL to MODERATE").</p> <p>All of the impacts discussed in section 8.7.5.3 were determined to be SMALL or beneficial except for the transportation impact of the construction workforce which was determined to be "SMALL to MODERATE". This transportation impact should be changed to "SMALL" for reasons discussed in the comment on section 8.7.5.3.</p>   |
| 10  | 8-82 | Table 8-7 | 14   | <p>Change the T&amp;E Species impacts for the Savannah River Site to "SMALL" (from "SMALL to MODERATE").</p> <ul style="list-style-type: none"> <li>The current rating of SMALL to MODERATE is based on the assumption that new transmission right-of-ways may be needed and that the impacts are indeterminate until the new routes are specified. Onsite, any new transmission lines would use existing right-of-ways, which would require some upgrade and would therefore have some minimal impact. Offsite, existing 500-kV transmission right-of-ways would be used as is, or would require an upgrade in capacity only; operation impacts would be minimal. Assuming the power from the SRS may be transmitted to a location 60 miles to the west is not realistic because right-of-way and permits may be excessive and time consuming to obtain. This assumption creates unnecessary conservatism in the environmental impacts presented in the report for the SRS.</li> </ul> |

| No. | Page | Section   | Line | Comment  |
|-----|------|-----------|------|--|
| 11  | 9-1  | 9.0       | 26   | <p>Delete the statement, "The alternative sites have not undergone a comparable level of detailed study." The statement is not appropriately crediting the very high level of environmental assessments and characterizations that exist for the SRS. In the case of the Savannah River Site, the environmental impacts have been well characterized and are indeed SMALL.</p> <ul style="list-style-type: none"> <li>• The very high level of environmental assessment and characterization of SRS was not accurately credited. SRS has been described as one of the most characterized sites in the Department of Energy (DOE) Complex. In 1951 a baseline environmental study was undertaken as part of initial site startup. In 1970, SRS was named the first National Environmental Research Park. The Savannah River Site (SRS) was characterized in detail as part of a rigorous site selection process and NEPA analysis for a previously proposed mission (Accelerator Production of Tritium). More recently, the Nuclear Regulatory Commission (NRC) has published an Environmental Impact Statement for the Mixed Oxide Fuel Fabrication Facility at the SRS. SRS publishes extensive environmental reports annually, and has extensive monitoring, research, restoration, and remediation information available from numerous SRS organizations (SGCP, SRNL, Site Geotechnical Engineering, SR Forest Service, Environmental Monitoring Section, and SREL) as well as many regional colleges and universities (Clemson, USC, USC-A, SC State, College of Charleston, UGA, GA Tech., Emory and Augusta State).</li> </ul> <p>Also for SRS, offsite impacts would be limited to currently existing transmission right of ways, and the impacts are expected to be small.</p> |
| 12  | 9-3  | Table 9-1 | 7    | <p>Change the Transmission corridors impacts for the Savannah River Site to "SMALL" (from "SMALL to MODERATE").</p> <ul style="list-style-type: none"> <li>• The current rating of SMALL to MODERATE is based on the assumption that new transmission right-of-ways may be needed and that the impacts are indeterminate until the new routes are specified. Onsite, any new transmission lines would use existing right-of-ways, which would require some upgrade and would therefore have some minimal impact. Offsite, existing 500-kV transmission right-of-ways would be used as is, or would require an upgrade in capacity only; construction impacts would be minimal. Assuming the power from the SRS may be transmitted to a location 60 miles to the west is not realistic because right-of-way and permits may be excessive and time consuming to obtain. This assumption creates unnecessary conservatism in the environmental impacts presented in the report for the SRS.</li> </ul>  |

| No. | Page | Section   | Line | Comment  |
|-----|------|-----------|------|--|
| 13  | 9-3  | Table 9-1 | 12   | <p>Change the Terrestrial ecosystems impacts for the Savannah River Site to "SMALL" (from "SMALL to MODERATE").</p> <ul style="list-style-type: none"> <li>The current rating of SMALL to MODERATE is based on the assumption that new transmission right-of-ways may be needed and that the impacts are indeterminate until the new routes are specified. Onsite, any new transmission lines would use existing right-of-ways, which would require some upgrade and would therefore have some minimal impact. Offsite, existing 500-kV transmission right-of-ways would be used as is, or would require an upgrade in capacity only; construction impacts would be minimal. Assuming the power from the SRS may be transmitted to a location 60 miles to the west is not realistic because right-of-way and permits may be excessive and time consuming to obtain. This assumption creates unnecessary conservatism in the environmental impacts presented in the report for the SRS.</li> </ul>            |
| 14  | 9-3  | Table 9-1 | 14   | <p>Change the Threatened and endangered species impacts for the Savannah River Site to "SMALL" (from "SMALL to MODERATE").</p> <ul style="list-style-type: none"> <li>The current rating of SMALL to MODERATE is based on the assumption that new transmission right-of-ways may be needed and that the impacts are indeterminate until the new routes are specified. Onsite, any new transmission lines would use existing right-of-ways, which would require some upgrade and would therefore have some minimal impact. Offsite, existing 500-kV transmission right-of-ways would be used as is, or would require an upgrade in capacity only; construction impacts would be minimal. Assuming the power from the SRS may be transmitted to a location 60 miles to the west is not realistic because right-of-way and permits may be excessive and time consuming to obtain. This assumption creates unnecessary conservatism in the environmental impacts presented in the report for the SRS.</li> </ul> |
| 15  | 9-3  | Table 9-1 | 19   | <p>Change the Community Characteristics impacts for the Savannah River Site to "SMALL" (from "SMALL to MODERATE").</p> <p>All of the impacts discussed in section 8.7.5.3 were determined to be SMALL or beneficial except for the transportation impact of the construction workforce which was determined to be "SMALL to MODERATE". This transportation impact should be changed to "SMALL" for reasons discussed in the comment on section 8.7.5.3.</p>  |

| No. | Page | Section   | Line  | Comment  |
|-----|------|-----------|-------|--|
| 16  | 9-4  | Table 9-2 | 16    | <p>Change the Threatened and endangered species impacts for the Savannah River Site to "SMALL" (from "SMALL to MODERATE").</p> <ul style="list-style-type: none"> <li>The current rating of SMALL to MODERATE is based on the assumption that new transmission right-of-ways may be needed and that the impacts are indeterminate until the new routes are specified. Onsite, any new transmission lines would use existing right-of-ways, which would require some upgrade and would therefore have some minimal impact. Offsite, existing 500-kV transmission right-of-ways would be used as is, or would require an upgrade in capacity only; operation impacts would be minimal. Assuming the power from the SRS may be transmitted to a location 60 miles to the west is not realistic because right-of-way and permits may be excessive and time consuming to obtain. This assumption creates unnecessary conservatism in the environmental impacts presented in the report for the SRS.</li> </ul>  |
| 17  | 9-4  | 9.1       | 28-32 | <p>The statements of generic impacts quoted below cannot be supported without further analyses - the results of which may show a clear preference for one or another of the proposed sites. Each of these impacts is dependent upon the nearby population density and distribution, and should therefore be different for each site. The Savannah River Site, with its large controlled access area, relatively isolated location, and low nearby population density may have a distinct advantage.</p> <p>Quote from document: "Some environmental impacts considered for the North Anna ESP site or for the alternative sites are generic to all sites and therefore do not influence the comparison of impacts between North Anna ESP site and the alternative sites. The generic environmental impacts common to all sites are air quality, nonradiological and radiological health impacts, and environmental impacts from postulated accidents."</p>   |
| 18  | 9-6  | 9.2.1     | 19-25 | <p>Delete the current paragraph and replace with:</p> <p>"The adverse impacts of construction at the Savannah Rive Site alternative are SMALL for all impact categories. Beneficial impacts ranging from SMALL to MODERATE were noted in the community characteristics category, primarily as a result of beneficial economic impacts in Barnwell County."</p> <p>The current paragraph is based on two observations, which are invalid in light of further information. First, the staff concludes that new transmission right-of-ways may be needed, necessitating new construction and possible adverse impacts. In fact, the SRS site selection process would ensure that the location of any new facility would be accessible to existing rights-of-ways, and any upgrades would have negligible impact. Second, the staff concludes that the construction workforce would substantially increase the SRS workforce thereby moderately impacting transportation. In fact, the SRS workforce, including the construction work force, would be significantly less than recent SRS staffing levels and would be easily accommodated by existing transportation infrastructure.</p> |

| No. | Page | Section | Line  | Comment   |
|-----|------|---------|-------|---|
| 19  | 9-7  | 9.2.2   | 11-16 | <p>Delete the current paragraph and replace with:</p> <p>"The adverse impacts of operations at the Savannah Rive Site alternative ESP site are SMALL for all impact categories. Beneficial impacts ranging from SMALL to MODERATE were noted in the community characteristics category, primarily as a result of beneficial economic impacts in Barnwell County."</p> <ul style="list-style-type: none"> <li>The current paragraph is based on the observation that new transmission right-of-ways may be needed, necessitating new construction and adversely impacting operations and maintenance. In fact, the SRS site selection process would ensure that the location of any new facility would be accessible to existing right-of-ways, and any upgrades would have negligible impact. Offsite, existing 500-kV transmission right-of-ways would be used as is, or would require an upgrade in capacity only; operation impacts would be minimal. Assuming the power from the SRS may be transmitted to a location 60 miles to the west is not realistic because right-of-way and permits may be excessive and time consuming to obtain. This assumption creates unnecessary conservatism in the environmental impacts presented in the report for the SRS.</li> </ul> |
| 20  | 9-7  | 9.2.2   | 25-26 | <p>Delete "and the Savannah River Site has significant unknown impacts associated with the transmission line rights-of-way (could be anywhere from SMALL to MODERATE)."</p> <ul style="list-style-type: none"> <li>This phrase is based on the observation that new transmission right-of-ways may be needed, necessitating new construction and adversely impacting operations and maintenance. In fact, the SRS site selection process would ensure that the location of any new facility would be accessible to existing right-of-ways, and any upgrades would have negligible impact. Offsite, existing 500-kV transmission right-of-ways would be used as is, or would require an upgrade in capacity only; operation impacts would be minimal. Assuming the power from the SRS may be transmitted to a location 60 miles to the west is not realistic because right-of-way and permits may be excessive and time consuming to obtain. This assumption creates unnecessary conservatism in the environmental impacts presented in the report for the SRS.</li> </ul>   |

From: "Jenny Heberlein" <jlheberl@hacc.edu>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Feb 18, 2005 9:32 AM  
 Subject: Please find an alternative to the North Anna nuclear project

ROB received

3/9/05

(819)

February 18, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

Currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Having lived through the TMI accident as a child and knowing many people who now have cancer in our area I urge you to not allow any new nuclear power plants.

Thank you sincerely for your time.

Sincerely,

Jenny Heberlein  
 1315 Maple Ave  
 Lancaster, PA 17603-4613  
 USA  
 jlheberl@hacc.edu

E-RIDS = ADM-03

SIS Review Complete

Template = ADM-013

1237

Add J. Cushing (JXC9)

A. Williamson (AWWJ)

RDB received

3/9/05

820

From: Michael Stuart <stuartmj@yahoo.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 18, 2005 1:56 PM  
Subject: My Comment on Draft Environmental Impact Statement

12/10/04

69FR 71854

My name is Michael Stuart. I live in Hanover County, and I am within the 10 mile EPZ of North Anna Power Station.

I attended the public meeting the night of Feb 18, and stayed until 11:45 PM. I was very disappointed that even though I had registered to speak over a month ago, I did not get the opportunity to do so, even though speakers who live much farther away were afforded this opportunity, often with comments that were not relevant to the EIS. It wasn't until after the meeting that I found out that I had to "sign-in" again the night of the meeting to speak.

First, I would like to note that the Draft EIS is very thorough, addressing issues in details I would not have imagined, but I believe that one very important issue has been overlooked, and I would ask that you include and address the following item, which I believe is relevant to the Final Environmental Impact Statement.

Nowhere that I can find in this huge document does it explore the environmental impact of NOT building new nuclear capacity. The need for future energy supplies, by even the most conservative estimates does not show that we will need less energy in the future. Since the alternative, viable forms of base-load energy generation are far more detrimental to the environment, failing to build new nuclear generation would have serious negative environmental consequences. Therefore, the environmental impacts of failing to build a non-carbon emitting energy source should be considered as part of the Final EIS.

Michael Stuart  
18281 Shiloh Church Road  
Beaverdam, Virginia 23015-1231  
(H) 804-449-6176; (D) 804-241-6170

SISP Review Complete

Template = Adm-013

1238

E-RIDS = Adm-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

From: <Tomcr9@aol.com>  
To: <northanna\_ESP@nrc.gov>  
Date: Fri, Feb 18, 2005 4:27 PM  
Subject: (no subject)

ROB received

3/9/05

(821)

I am against the construction of nuclear power plants at Lake Anna. I feel that these plants are a risk to people and the environment. Thank you very much. Allison Crowell

12/10/04

69 FR 71854

SISP Review Complete

Template = Adm-013

E-RIDJ = Adm-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

1239

ROB received  
3/9/05

(822)

**From:** "B Hyson" <bhyson@copper.net>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Sun, Feb 20, 2005 2:53 PM  
**Subject:** new reactors

12/10/04

69 FR 71854

To the Lake Anna Facility:

As a mother of two teenage children and a resident of southern Albemarle County, I oppose the expansion of the nuclear facility at Lake Anna. The Lake Anna facility affects not just Louisa County, but all of us. Three Mile Island, Chernobyl, there is always a lurking possibility that it could happen again. Humans make errors and so do their machines, look at the disasters of our space program. Shortly after the 9/11 attacks there was fear that nuclear power plants could become targets for terrorists. This could still happen.

Nuclear waste is another problem. I do not want nuclear waste passing through my town, and yet, I fear this is already happening across America to unsuspecting citizens. In Utah, where nuclear energy supporters wish to send the waste, there is a strong opposition, and I would be opposed as well if it were designated for Virginia. Nuclear waste is not safe nor is it clean, the standing argument for expansion of nuclear energy.

I do not believe that nuclear power is good for our communities or our environment, and I strongly oppose it. If we care about the safety of our communities and the health of our environment, we should not be expanding nuclear energy.

Sincerely,

Brenda Hyson

Scottsville, Virginia

SISP Review Complete

Template = ADR-013

1240

E-R105 = ADR-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

RPB received

3/9/05

823

From: Jim Adams <demeters@louisa.net>  
To: <northanna\_esp@nrc.gov>  
Date: Sun, Feb 20, 2005 8:26 PM  
Subject: EIS notes to be attached to the EIS

Sometime i get it right the first time; sometimes i find and correct my information so it is right the second time .... sigh .... Anyway, scrap the Feb 18th version and please include this, the Feb 20th version. Thank you

12/10/04  
69 FR 71854

Jim Adams February 20, 2005  
3115 Yanceyville Road  
Louisa, VA, 23093  
540-967-9909

\*EIS statements, by Jim Adams

\* In the EIS meeting at the Louisa County Middle School, the NRC gave the North Anna Nuclear Plant site a clean bill of health and said it met all the criteria they were instructed to deal with. And that's where the biggest problems are. The White House recently changed the criteria so a nuclear plant EIS does NOT include dealing with nuclear garbage and does NOT include any security questions.

1) \*Nuclear Garbage\*: Let's not be euphemistic about this: the stuff left over after the usable energy has been taken out of it is still highly concentrated, highly radioactive, highly toxic nuclear garbage. There is nothing we can do with it but store it here at home or store it in a nuclear landfill such as Yucca Mountain. If Yucca Mountain opens, it will not even hold all the nuclear garbage we have stored around the United States.

One estimate is that about 950 metric tons of high-level spent-fuel nuclear garbage are stored at the North Anna Nuclear Plant (+ another several hundred tons of low level nuclear garbage) and that it is currently producing another 40 tons of high-level spent-fuel nuclear garbage a year. Three things are immediately apparent: a) with luck, Yucca Mountain will hold most, but not all of the North Anna stored nuclear garbage and without that luck, the nuclear garbage will stay stored on site; b) two new reactors will double the North Anna Nuclear Garbage yearly output to 80 tons a year, and c) in a hundred years or less, the four reactors will wear out anyway and each reactor will become nuclear garbage.

Nuclear garbage is not quite like household garbage. It is nuclear garbage: lethal, terror prone and longer lived and dangerous for more than 25 times all of human history! If the first nuclear power plant had been built and turned out its first 20 tons of nuclear garbage in the year Jesus was born, we would only have to guard that toxic garbage for 8,000+ more years. If it wasn't guarded/monitored, you wouldn't want your family to come anywhere near it, nor would you want anyone you knew to live downstream from it.

This garbage is hot both in temperature and radioactivity ... and

SISP Review Complete

Template = Adm - 013

1241

E-R105 = Adm-03

Add J. Cushing (JXC9)

A. Williamson (ARW2)

corrosive. The garbage destroys the best containers we can put around it. The current dry cask containers at North Anna each hold 14.5 metric tons of nuclear garbage and are licensed by the NRC for only 100 of those 10,000+ years.

\*2) Nuclear Security:\* During the meeting, we found out there are ground guards and ground based security, but no air security. All this radioactive trash is a tempting target for a dirty terrorist bomb, especially since we are only 75 wind miles from the heart of DC. When the winds come from south-southwest (as they often do), Washington DC is directly downwind from the North Anna Nuclear Plant.

After September 11th, the rules changed for security in our country. Terrorists do suicide missions. Airplanes filled with fuel, flying at 500 - 600 mph become suicide bombs. And North Anna has no protection against these.

These are some of the real-world environmental impacts, and a number of us call on the NRC to consider these impacts as serious, and deserving of serious consideration. For those of us who live in the 30 mile radius and/or in the wind-shadow of the North Anna Nuclear Plant, it is only our lives, our health and our well-being that are at stake. This may not be important to corporate and political America, but it is important to us.

Nuclear Regulatory Commission: scrap your 1st Draft EIS and redo it with nuclear garbage and nuclear security included. I think you will then reject, not approve the application for new North Anna nuclear power plants

Thank you for listening,

Jim Adams  
3115 Yanceyville Road  
Louisa, VA 23093



2) **Nuclear Security:** During the meeting, we found out there are ground guards and ground based security, but no air security. All this radioactive trash is a tempting target for a dirty terrorist bomb, especially since we are only 75 wind miles from the heart of DC. When the winds come from south-southwest (as they often do), Washington DC is directly downwind from the North Anna Nuclear Plant.

After September 11th, the rules changed for security in our country. Terrorists do suicide missions. Airplanes filled with fuel, flying at 500 – 600 mph become suicide bombs. And North Anna has no protection against these.

These are some of the real-world environmental impacts, and a number of us call on the NRC to consider these impacts as serious, and deserving of serious consideration. For those of us who live in the 30 mile radius and/or in the wind-shadow of the North Anna Nuclear Plant, it is only our lives, our health and our well-being that are at stake. This may not be important to corporate and political America, but it is important to us.

**Nuclear Regulatory Commission:** scrap your 1st Draft EIS and redo it with nuclear garbage and nuclear security included. I think you will then reject, not approve the application for new North Anna nuclear power plants

Thank you for listening,

Jim Adams  
3115 Yanceyville Road  
Louisa, VA 23093

From: "John Kesich" <kesich@npacc.net>  
 To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
 Date: Sun, Feb 20, 2005 10:32 PM  
 Subject: No nuclear power plant in North Anna

RDB received

3/9/05

824

February 20, 2005

Alicia Williamson  
 Nuclear Regulatory Commission  
 Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

Currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

John Kesich  
 RR 2 Box 168A  
 Millerton, PA 16936  
 USA  
 kesich@npacc.net

SISP Review Complete

Template = ADM-013

E-R105 = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

1245

From: Herbert Tucker <tucker@virginia.edu>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Mon, Feb 21, 2005 1:55 PM  
 Subject: site plan approval

ROB received

3/9/05

825

Dear NRC

I am one of the patient if at times flabbergastedly fascinated people who spent close to four hours in the Louisa middle school auditorium last Thursday hearing the pros and cons of, not just the site plan, but the entire stepped approval process as it now and then swings open to public oversight and comment.

12/10/04

69 FR 71854

I attended as an opponent of the continued operation -- much less the fresh construction -- of nuclear facilities in my extended back yard. I left without having my mind fundamentally changed. But I learned a lot, about what the NRC does, and doesn't, do in such a matter; and I learned even more, I thought, about the embattled state of mind that seems to be shared by engineers, spokespeople, and proponents of nuclear power generation, whether in government, in the development industry, or in the local power business. At the level of psychology, I would submit, there is a substantial overlap between the orientation of pro- and anti-nuclear groups. The latter are filled with people who, like me, work regularly on behalf of causes unpopular with the general public and very often opposed to accepted majority views. In this they turn out -- and to me this was a genuine surprise -- to have a lot in common with the advocates of nuclear power, in their self-conception as a misunderstood elite, advancing their cause from a vantage of superior information and expertise against what can seem a superstitious Luddite mass of faithless intransigents. Between groups thus internally constituted there can be little but a standoff, it seems; and that's certainly what your transcript from Louisa will record.

Can this common psychological orientation possibly provide common grounds for mutual understanding? If I can even dimly grasp an engineer's exasperation at my old-fashioned moralist's conviction that I know better, can the engineer not reciprocate, get outside her professional shell, and see where I am coming from? If so, I would hope the process of mutual understanding might reach into the otherwise armor-cased place in the engineering brain where doubts are stored for safe-keeping. Not doubts about an engineer's capacity to design a theoretically safe reactor: I'll grant that for present purposes of argument. Not doubts even about a manager's capacity to run a reactor 24/7, with a less than elite, sometimes inattentive, which is to say a human, work force; though when push comes to shove I would today part company with the engineers right there. But the doubts it seems to me lethal for the engineering mind to place under quarantine are those that attach to the storage and shipment of that constantly accumulating spent waste. The problem this toxic mass poses seems to me insoluble under real world conditions; and yet it is one that grows worse daily, as the mass increases and the containers age. When you come to driving cargo containers of this stuff through my city down I-64, you have moved beyond engineering controls into the sphere of sheer luck, where in time the probabilities have got to tell against you, which is to say, horribly against us all, and all those future generations so rightly if fatiguingly invoked on Thursday night. This is not an extra, or a distinct, problem from the challenges that arise with nuclear plant construction. It's smack dab in the middle of the problem. Stopping

E-RID5 = Apr-03

SISP Review Complete

1246

Add J. Cushing (JXC9)

Template = ADM-013

A. Williamson (ARW1)

nuclear plant operations today won't solve it. But going out of our way on a bankruptingly costly endeavor to build yet more of the things can only make matters worse.

I did not file a comment or pick up the microphone on Thursday. Please record this e-mail as a citizen's new vote against the site permit, and the unacceptably risky construction that it would facilitate.

Chip Tucker  
42 Canterbury Road  
Charlottesville VA 22903  
434 / 295-2929

CC: <peoplesalliance@yahoo.com>

ROB received

3/9/05

826

From: "Kelly Taylor" <keltay3@yahoo.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Mon, Feb 21, 2005 7:27 PM  
Subject: Comments on draft Environmental Impact Statement

Page 3-7:

"Based on the PPE, the maximum temperature increase between the intake and the discharge will be 10°C (18°F) and the maximum discharge temperature will be 52.8°C (127°F). Dominion specified in the PPE that the flow rate through the condenser will not exceed 71,900 L/s (1,140,000 gpm)."

12/10/04

LA FR 71854

I would like to see the basis for the 127°F conclusion more explicitly spelled out. I believe the number is in error (too high) and does not appear to be supported by the information in the ESP application.

Page 8-2:

"The staff estimates that the proposed once-through cooling system for Unit 3 could extend waste heat treatment facility (WHTF) conditions into the main body of Lake Anna. Based on the additional heat load and associated flow, the staff estimates that WHTF conditions could extend into approximately 19 percent of the main body of the lake."

"WHTF conditions" is unclear, and should be defined.  
Please include a basis for the calculation of the 19 percent, and a more precise description of the conclusion. 19% of the surface area?  
Specifically where?  
19% of the water volume?  
A temperature increase that is 19% of something?

Also an apparent typo, on page 7-2: "Cumulative thermal effects are discussed in section 7.4."  
I believe you intended section 7.5, since the aquatic ecosystem is more likely to experience thermal effects than the terrestrial ecosystem.

Kelly L Taylor  
Louisa County Resident

SISP Review Complete

Template = ADM-013

E-RIDS = ADM-03

1248

Add J. Cushing (JXC9)

A. Williamson (ARW1)

**From:** Lillian Mezey <lmezey@earthlink.net>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Mon, Feb 21, 2005 8:02 PM  
**Subject:** oppose new reactors-public comment

RFB received

3/7/05

(827)

I am writing in OPPOSITION to new nuclear reactors at the North Anna nuclear power plant. In my opinion, it is irresponsible to create more dangerous radioactive nuclear waste when there is no safe disposal method or location. What is your plan for the radioactive waste? Also, I am concerned about the potential for a major nuclear accident, endangering citizens in Charlottesville as well as Richmond and Washington DC. This is an acceptable safety risk!

12/10/04

69 FR 71854

Please deny these permits.

Sincerely,

Lillian Mezey, M.D.  
2529 Holkham Drive  
Charlottesville, VA 22901

SISP Review Complete

Template = ADM -013

1249

E-RID = ADM-03

Add J. Cushing (JXC9)

A. Williamson (APWJ)

RDB received

3/9/05

From: "John Patrick Smith" <patreek@uky.edu>  
To: "NorthAnna\_ESP@nrc.gov" <NorthAnna\_ESP@nrc.gov>  
Date: Tue, Feb 22, 2005 4:02 AM  
Subject: No nuclear power plant in North Anna

828

February 22, 2005

Alicia Williamson  
Nuclear Regulatory Commission  
Washington, DC 20555

12/10/04

69 FR 71854

Dear NRC,

I urge the NRC to reconsider issuing an Early Site Permit to the North Anna nuclear project on the basis that it will not adversely impact the environment. I am writing to ask the NRC to examine the "cradle to cradle" effects of building a new nuclear plant. From construction, to power generation, to disposing of and storing the spent fuel, the proposed nuclear site would be detrimental to the environment and local communities.

The construction of the plant - including truck traffic, smog and building waste, will be detrimental to the environment. Further, Lake Anna cannot physically support the addition of new reactors. The increased water use associated with the new reactor will cause the lake level to drop significantly. Lower water levels will adversely impact the lake and could lower property values. Lake temperature will be affected, probably killing the lifeforms that inhabit it.

Currently, there is no national policy on nuclear waste storage. Should the spent fuel rods from North Anna be kept on site, or should they be shipped to another site, I believe that they would pose a threat to the environment and local communities. Fuel rods have gone missing in the past years, and until the nation has a safe and secure means to store spent fuel, the rods pose a risk to the environment and in a worst-case scenario, could end up in the wrong hands.

I am opposed to new nuclear power. I would prefer that Dominion meet its power capacity needs using clean energy like wind or biomass. In reevaluating the ESP and the EIS, the NRC should urge Dominion to consider other alternatives to an expensive nuclear plant. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

Thank you sincerely for your time.

Sincerely,

John Patrick Smith  
PO Box 82  
Smiths Grove, KY 42171-0082  
USA  
patreek@uky.edu

SISP Review Complete

Template = Adm-013

E-RIDS = Adm-03

Add J. Cushing (JXC9)

A. Williamson (ARD1)

1250

ROB received

3/9/05

From: "Benjamin\_T Brown" <btb\_iskb@lycos.com>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Tue, Feb 22, 2005 6:29 PM  
 Subject: comments

(829)

12/10/04

69 FR 71854

Comments on the North Anna Draft Environmental Impact Statement February 19, 2005  
 My name is Benjamin T. Brown and my address is 3687 Turnpike Road Lexington VA 24450.  
 I am opposed to granting a preliminary permit for more reactors at North Anna because the plan submitted for cooling the reactors is inadequate.

I attended the public meeting at Louisa Middle School on February 17, 2005, and I enjoyed the sincerity and the clarity of the public speakers, both those opposed and in favor. There is a great distance between them! I am a long time opponent of nuclear power, but I was very interested in listening to the proponents, to learn how they could hold such views. Many of them were not "illuminating" because they work for Dominion Power and support their employer.

One of them was Lisa Shell who works for Dominion as an engineer for the storage of fuel rods. She rapidly gave the speech that she had prepared, but the surprising thing about it was her anger at the opponents. She thought they unfairly disparaged her competence and the high safety level that she feels she and her co-workers have achieved at North Anna. I thought about her anger on the ride home. For her, the issue of the desirability of nuclear power revolves around what she knows: the wonderfully strong and carefully tended storage of fuel as practiced at North Anna. Highly educated, dedicated workers, top grade equipment, and safety concerns are constantly stressed. She has put the entire issue of nuclear power into the compartment that she is familiar with. The popular expression for this is, "Can't see the forest for the trees."

Nuclear Power should not be used because:

- 1) The fuel cycle produces "small" amounts of radiation at every stage.
- 2) An accident would be a disaster to eclipse the Indian Ocean Tsunami.
- 3) An attack or sabotage by terrorists would be a disaster to eclipse the Indian Ocean Tsunami.
- 4) Secure storage of the waste for tens of thousands of years cannot even be imagined.
- 5) The spread of nuclear power expertise through the world enables hostile nations to convert that expertise to weapons' development.
- 6) Government subsidies of development, the fuel cycle, promotion, security, and insurance make it impossible to compare the costs of nuclear, fossil, and renewable power.
- 7) The same for the unknown cost of decommissioning and guarding old reactors after they have become too brittle to use.
- 8) We use power so frivolously and inefficiently now that we do not need additional generators.

The time limit at the hearing constrained Ms. Shell to one point, but the NRC has months to consider the North Anna Early Site Permit. For the NRC to decide at this stage to ignore the forest of objections to North Anna 3 and 4 is willfully ignorant. Oops! Your bias is showing.

--

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SISP Review Complete  
 Template = ADM-013

1251

E-RIDs = ADM-03

Add J. Cushing (JXC9)

A Williamson (AR01)

From: "Pates, Robert D. \*HS" <RDP2N@hscmail.mcc.virginia.edu>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Wed, Feb 23, 2005 10:00 AM  
 Subject: NO\_NEW\_NUCLEARPLANS@NorthAnna

ROB received  
 3/9/05

(830)

I attended the open meeting at the Louisa County Middle School, which was entitled "Public Meeting to Collect Comments on the Draft Environmental Impact Statement For and Early Site Permit (ESP) at the North Anna ESP Site" on February 17th, 2005. The opinion of local residents toward this idea was OVERWHELMINGLY NEGATIVE -- SO

12/10/04  
 69 FR 71854

IF THIS MEETING MEANS ANYTHING WHATEVER, YOU WILL NOT ISSUE AN EARLY SITE PERMIT TO DOMINION FOR FURTHER NUCLEAR REACTORS TO BE LOCATED AT NORTH ANNA.

As a local resident, I was unimpressed that the NRC team had done a decent job in their draft proposal (some of the language was plagiarized from other sources!). I am highly unclear and suspicious of the relationship between Dominion and the NRC of a government clearly committed to revamping the nuclear industry in the US as a whole - and is clearly prepared to do anything or tell any lie to get their way (e.g. their certainty that "weapons of mass destruction" existed in Iraq led us into an expensive, illegal, murderous, ruinous war).

Also - clearly dirty politics are at work here from the nuclear industry. What in heavens name were PRO-nuclear representatives from CHICAGO doing in Louisa, VA on 2/17/05?? Clearly, the nuclear industry is keen to give the impression of a PRO-nuclear grassroots movement. Which does not exist. The whole thing reeks of corruption and deceit.

THE PEOPLE OF VIRGINIA WILL NOT BE USED IN THIS WAY -

NO MORE NUCLEAR REACTORS AT NORTH ANNA - WE ARE WATCHING YOU CLOSELY!

Rob Pates

Charlottesville, VA

SISP Review Complete  
 Template = Adm-03

1252

E-R105 = Adm-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

RDB received  
3/9/05

**From:** Jennifer Meyer <jam995@earthlink.net>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Wed, Feb 23, 2005 4:28 PM  
**Subject:** No to new nuclear reactor

(831)

I am writing to express my belief that we do not need any more nuclear reactors at Lake Anna. This type of power is unsafe and produces waste that cannot be stored safely. Currently, as I understand it, there is no location for storage of spent fuel.

Please do not bring any more nuclear reactors to our area.

Thank you,  
Jennifer Meyer

12/10/04  
69 FR 71854

SISP Review Complete  
Templat = ADM-013

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1253

E-R105 = ADM-03  
Add J. Cushing (JXC9)  
A. Williamson (ARW1)

RDB received

3/9/05

832

From: "Bob Oldham" <boldham@smv.org>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Thu, Feb 24, 2005 10:13 AM  
Subject: North Anna ESP

12/10/04

69 FR 71854

Dear Sirs,

I am opposed to the granting of any early site permits to Dominion Nuclear North Anna for future construction of additional nuclear power plants at North Anna Power Station.

I live a short distance from the site and I am concerned about safety issues related to the plant operations. However, I am also very concerned about the potential damage to the environment and to wildlife and fish in the area of the lake.

I believe that Dominion would be better served by working to help its power users reduce demand than to construct additional generating capacity at this time. I also think that an investigation of the potential for tidal hydro generating systems in the Chesapeake Bay and Virginia coastal areas would be a much better use of financial resources, although environmental concerns would also have to be carefully addressed.

I hope the NRC will require Dominion Nuclear North Anna to withdraw their application and consider other alternative electricity generating technologies before endangering the large, and growing, population of this area.

Sincerely,

Robert Oldham  
12276 Welling Hall Rd  
Doswell VA 23047

SISP Review Complete

Template = ADM-013

1254

E-R10s = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

ROB received

3/9/05

833

From: mirabai mcLeod <mirabai888@yahoo.com>  
To: <northanna\_esp@nrc.gov>  
Date: Thu, Feb 24, 2005 11:11 AM  
Subject: north anna

dear friends at the nrc,

my name is beth mcLeod and i am a registered voter living in rockbridge county, virginia.

i am writing to voice my opposition to the building of additional reactors at the north anna site. i believe this would be environmentally, as well as economically, unsound.

thank you for your attention to this matter.  
sincerely,  
beth mcLeod

12/10/04

69 FR 71854

-----  
Do you Yahoo!?  
Yahoo! Mail - You care about security. So do we.

SISP Review Complete

Template = ADM-03

1255

E-RIOS = ADM-03  
Add J. Cushing (JXC9)  
A. Williamson (ARW1)

RDB received

3/9/05

834

From: "Helen Reutlinger" <hrr146@hotmail.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Thu, Feb 24, 2005 12:14 PM  
Subject: New Nuclear Plant

To who it may concern:

I am writing to oppose the building of a new nuclear power plant at the North Anna site. I don't believe that all the issues concerning nuclear energy have been addressed with the current power plant - waste disposal/storage, terrorism and security, health effects, and evacuation and safety planning - just to mention a few.

12/10/04

69 FR 71854

Wouldn't the investigation into more sustainable energy be a more prudent approach?

Sincerely,

Helen R. Reutlinger  
1108 Parker Place  
Charlottesville, Va 22903  
hrr146@hotmail.com

SISP Review Complete

Templat = ADM-03

1256

E-RID3 = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

From: <cburtner@vmfa.state.va.us>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Thu, Feb 24, 2005 2:38 PM  
 Subject: Oppose North Anna Nuclear Reactor

RDB received  
 3/9/05

835

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04

69 FR 71854

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

In a time of increased terrorist threat, new nuclear power plants increase physical and economic risks to central Virginia residents, Dominion customers and shareholders, and nuclear industry employees. Al Qaeda is known to have considered nuclear power plants as a target for an attack. Terrorist threats and heightened Threat Advisory Levels (Orange and Red level) may lead to severe restrictions on public access to Lake Anna, which could impact local businesses dependent on public use of the lake. This has already happened at over a dozen lakes with nuclear plants around the country. Adding additional reactors to the North Anna facility could also increase its attractiveness as a terrorist target, increasing the frequency and likelihood of lake closures.

Safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application also doesn't consider what the effect might be on the cost of power in Virginia or nationally, or the need for new generating capacity. Virginia currently has a surplus of electrical generating capacity, so excess power will likely be sold outside the state rather than being used in-state to lower prices. Local residents will be forced to live with the risks of the nuclear plant without getting the benefits.

The history of nuclear power demonstrates that constructing nuclear reactors is expensive, with final costs often running billions of dollars over budget – costs that are often passed on to ratepayers. The first 75 reactors constructed in the U.S. had a combined cost overrun of over \$100 billion. The average reactor ran 400% over budget and was over 4 years late in start up. The last reactor in the U.S. to be completed, the Watts Bar plant in Tennessee, was finally opened in 1996, 23 years after it was first proposed. It cost \$8 billion.

SISP Review Complete

Template = ADM-03

1257

E-RID3 = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARWJ)

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

A major nuclear accident could leave an area the size of Pennsylvania uninhabitable for decades. The area around the Chernobyl nuclear plant, site of a major accident in 1986, is still closed to public access and radiation levels are still high. Cleanup costs for a major nuclear accident are estimated to be around \$500 billion, not including broader economic shockwaves. The nuclear industry's liability for such an accident is capped at around \$10 billion, leaving taxpayers with a \$490 billion bill, ratepayers with a bankrupt utility, and surviving residents without a home.

Nearly 3½ years after September 11th, 2001, legislation to improve security at nuclear plants has not been enacted, and security improvements by the nuclear industry have been shown to have significant gaps and flaws. Security guards are often ill-trained and ill-equipped. Mock assaults designed to test guards and keep them on their toes are often done in an unrealistic manner, with months of advanced warning, and with added security forces that are not normally present to defend against a real attack.

There is at this time no solution to the problem of nuclear waste, and constructing new reactors will only worsen that problem. The proposed Yucca Mountain repository in Nevada will not open until 2010 at the earliest, but even industry experts feel 2015 is a more realistic best-case scenario. That doesn't count the remaining scientific questions about the suitability of the site, and the half-dozen lawsuits currently pending – any of which could send the U.S. Department of Energy back to the drawing board. Even if the facility were to open as scheduled, it's not large enough to hold even the amount of waste expected to be generated by currently-operating plants. Waste from new plants will require a new repository. Meanwhile, all the highly-radioactive irradiated fuel from the plants will continue to be stored on-site.

Emergency plans for dealing with an accident or terrorist attack are inadequate, and rely on teachers, bus drivers, doctors, and other civilians to facilitate an evacuation, without taking into account the possibility of role abandonment. Studies of the Three Mile Island accident, which took place in 1979 in Pennsylvania, found that doctors and other key workers abandoned their posts up to 25 miles from the site to tend to their families or save themselves. In the case of a more severe accident, heroic actions would be required to successfully carry out an evacuation.

In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

caryl Burtner  
3228 Patterson

Richmond, VA 23221

RDB received

3/9/05

From: <dindamcp4@yahoo.com>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Thu, Feb 24, 2005 2:38 PM  
 Subject: Oppose North Anna Nuclear Reactor

836

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04

69 FR 71854

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

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The history of nuclear power demonstrates that constructing nuclear reactors is expensive, with final costs often running billions of dollars over budget – costs that are often passed on to ratepayers. The first 75 reactors constructed in the U.S. had a combined cost overrun of over \$100 billion. The average reactor ran 400% over budget and was over 4 years late in start up. The last reactor in the U.S. to be completed, the Watts Bar plant in Tennessee, was finally opened in 1996, 23 years after it was first proposed. It cost \$8 billion.

E-R103 = ADM-03

SIS Review Complete

1260

Add J. Cushing (JXC9)

Template = ADM-013

A. Williamson (ARW1)

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

dinda evans  
POB 178695

SAN DIEGO, CA 92117

ROB received

3/9/05

From: <kurt.schroeder@navy.mil>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Thu, Feb 24, 2005 2:41 PM  
 Subject: Oppose North Anna Nuclear Reactor

(837)

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04

69 FR 71854

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E-R105 = Adm-03

Add J. Cushing (Jxc9)

A. Williamson (AR01)

SISP Review Complete

Template = Adm-013

1263

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Kurt Schroeder  
5324 North Point Court

Virginia Beach, VA 23455

1265

ROB received

3/9/05

From: <shclark288@yahoo.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Thu, Feb 24, 2005 2:41 PM  
Subject: Oppose North Anna Nuclear Reactor

838

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/05

69 FR 71854

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SISP Review Complete

Templak = Adm -013

1266

E-RIOS = Adm-03

Add J. Cushing (JXC9)

A. Williamson (ARW2)

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Scott Clark  
1000 Stillwell Rd

Richmond, VA 23226

RDB received  
3/9/05

From: <SiljaS@solo.ee>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Thu, Feb 24, 2005 2:43 PM  
Subject: Oppose North Anna Nuclear Reactor

839

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04  
69 FR 71854

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SISP Review Complete  
Template = ADM-813

1269

E-2103 = ADM-63  
Add J. Cushing (JXC9)  
A. Williamson (ARW1)

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Silja Sistok-Katz  
801 North Monroe Str, #733

Arlington, VA 22201

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**1271**

RDB received

3/9/05

From: <klrouth@yahoo.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Thu, Feb 24, 2005 2:43 PM  
Subject: Oppose North Anna Nuclear Reactor

840

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04  
69 FR 71854

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E-RIDS = ADM-03

SISP Review Complete

1272

Add J. Cushing (JXC9)

Template = ADM-03

A. Williamson (ARW1)

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Kira Routh  
3314 Grandview Drive

Richmond, VA 23225

RDB received

3/9/05

From: <callahasu@tycoelectronics.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Thu, Feb 24, 2005 2:44 PM  
Subject: Oppose North Anna Nuclear Reactor

841

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04

69 FR 71854

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SISP Review Complete

Template = AON-63

1275

E-R103 = AON-63

Add J. Cushing (JXC9)

A. Williamson (ARW1)

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Nearly 3½ years after September 11th, 2001, legislation to improve security at nuclear plants has not been enacted, and security improvements by the nuclear industry have been shown to have significant gaps and flaws. Security guards are often ill-trained and ill-equipped. Mock assaults designed to test guards and keep them on their toes are often done in an unrealistic manner, with months of advanced warning, and with added security forces that are not normally present to defend against a real attack.

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Susie Callahan  
6809 Colonial Hwy.

evington, VA 24550

RDB received  
3/9/05

**From:** <lotus@whid.net>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Thu, Feb 24, 2005 2:45 PM  
**Subject:** Oppose North Anna Nuclear Reactor

(842)

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04  
69 FR 71854

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

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SISP Review Complete

Template = ADM-013

1278

E-R105 = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

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Blake Puhak  
2517 Kenwood Ave.

Richmond, VA 23228

ROB received  
3/9/05

**From:** <contact@alrdesign.com>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Thu, Feb 24, 2005 2:46 PM  
**Subject:** Oppose North Anna Nuclear Reactor

843

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04

69 FR 71854

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E-RIOS = Apr-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

SISP Review Complete

1281

Templak = Apr-03

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Noah Scalin  
2701 Edgewood Ave

Richmond, VA 23222

RDB received

3/19/05

**From:** <danadcook@yahoo.com>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Thu, Feb 24, 2005 2:48 PM  
**Subject:** Oppose North Anna Nuclear Reactor

(844)

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04

69 FR 71854

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E-RID3 = Adm-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

SISP Review Complete

Template = Adm-03

1284

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Dana Cook  
2118 Military Rd.

Arlington, VA 22207

ROB received

3/9/05

From: <tpence@colonyins.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Thu, Feb 24, 2005 2:48 PM  
Subject: Oppose North Anna Nuclear Reactor

845

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04

69 FR 71854

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SISP Review Complete

Template = ADM-03

1287

E-RIDS = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Tina Pence  
4959

Disputanta, VA 23842

ROB received

3/9/05

From: <joner@shensol.com>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Thu, Feb 24, 2005 2:48 PM  
 Subject: Oppose North Anna Nuclear Reactor

(846)

Dear Chief Lesar

Are you all nuts???? We already have a big target sign on our state for terrorists since we border DC, do you want to add another reason for Virginia to be a "place" of interest?

12/10/04

If terrorist interest wasn't bad enough, have you considered the environmental impact of more nuclear waste?

69 FR 71854

Please Please do not approve this.

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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SISP Review Complete

Template = AD12-03

1290

E-RIDS = AD12-03

Add J. Cushing (JXC9)

A. Williamson (ARW7)

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evacuation.

*In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.*

Jone Shilliday  
898 Calmes Neck Lane  
Boyce, VA 22620

From: <gbesasc@earthlink.net>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Thu, Feb 24, 2005 2:48 PM  
 Subject: Oppose North Anna Nuclear Reactor

ROB received

3/9/05

847

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. I live in Richmond, VA and I am very concerned with the safety of nuclear power.

12/10/04

69 FR 71854

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SISP Review Complete

Template - ADM-013

1293

E-R105 = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

late in start up. The last reactor in the U.S. to be completed, the Watts Bar plant in Tennessee, was finally opened in 1996, 23 years after it was first proposed. It cost \$8 billion.

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

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Nearly 3½ years after September 11th, 2001, legislation to improve security at nuclear plants has not been enacted, and security improvements by the nuclear industry have been shown to have significant gaps and flaws. Security guards are often ill-trained and ill-equipped. Mock assaults designed to test guards and keep them on their toes are often done in an unrealistic manner, with months of advanced warning, and with added security forces that are not normally present to defend against a real attack.

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Emergency plans for dealing with an accident or terrorist attack are inadequate, and rely on teachers, bus drivers, doctors, and other civilians to facilitate an evacuation, without taking into account the possibility of role abandonment. Studies of the Three Mile Island accident, which took place in 1979 in Pennsylvania, found that doctors and other key workers abandoned their posts up to 25 miles from the site to tend to their families or save themselves. In the case of a more severe accident, heroic actions would be required to successfully carry out an evacuation.

In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Glen Besa  
4896 Burnham RD  
Richmond, VA 23234

RDB received

3/9/05

848

From: <amoret@downerandassociates.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Thu, Feb 24, 2005 2:49 PM  
Subject: Oppose North Anna Nuclear Reactor

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04

69 FR 71854

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

In a time of increased terrorist threat, new nuclear power plants increase physical and economic risks to central Virginia residents, Dominion customers and shareholders, and nuclear industry employees. Al Qaeda is known to have considered nuclear power plants as a target for an attack. Terrorist threats and heightened Threat Advisory Levels (Orange and Red level) may lead to severe restrictions on public access to Lake Anna, which could impact local businesses dependent on public use of the lake. This has already happened at over a dozen lakes with nuclear plants around the country. Adding additional reactors to the North Anna facility could also increase its attractiveness as a terrorist target, increasing the frequency and likelihood of lake closures.

Safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application also doesn't consider what the effect might be on the cost of power in Virginia or nationally, or the need for new generating capacity. Virginia currently has a surplus of electrical generating capacity, so excess power will likely be sold outside the state rather than being used in-state to lower prices. Local residents will be forced to live with the risks of the nuclear plant without getting the benefits.

The history of nuclear power demonstrates that constructing nuclear reactors is expensive, with final costs often running billions of dollars over budget - costs that are often passed on to ratepayers. The first 75 reactors constructed in the U.S. had a combined cost overrun of over \$100 billion. The average reactor ran 400% over budget and was over 4 years late in start up. The last reactor in the U.S. to be completed, the Watts Bar plant in Tennessee, was finally opened in 1996, 23 years after it was first proposed. It cost \$8 billion.

E-RIDS = A0m-03

Add J. Cushing (JXC9)

A. Williamson (ARW2)

SISP Review Complete

1296

Templat = A0m-013

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Amoret Bruguiera  
955 Locust Avenue

Charlottesville, VA 22901

RPB received  
3/9/05

**From:** <janbvin@aol.com>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Thu, Feb 24, 2005 2:50 PM  
**Subject:** Oppose North Anna Nuclear Reactor

849

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04  
69 FR 71854

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SISP Review Complete

Templat = ADM-013

1299

E-RMS = ADM-03

Add J. Cushing (JXC9)

A. Williamson (APW2)

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Jan Vinegar  
12112 Denford Ct

1300

Glen Allen, VA 23059

---

**1301**

**From:** <mgoodman@thedeal.com>  
**To:** <northanna\_esp@nrc.gov>  
**Date:** Tue, Mar 1, 2005 3:01 PM  
**Subject:** DENY Dominion's application for an Early Site Permit

RDB Rec'd

3-9-05

(850)

12-10-04

69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly and will raise water temperatures harming game fish.

Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

Michael Goodman  
 145 Hicks St  
 Apt. B28  
 Brooklyn, NY 11201-2325

SISP Review Complete  
 Template - ADM-013

**1302**

ERIOS-ADM-03

add

J. Cushing (JXC9)

A. Williamson (ARW1)

RDB Rec'd  
3-9-05

851

From: "brown pride" <desi666@hindunet.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Tue, Mar 1, 2005 2:45 PM  
Subject: comments on environmental review of Dominion Resources' application

Please OPPOSE granting an Early Site Permit (ESP) to Dominion Resources to build two new reactors at the North Anna nuclear plant in Mineral, VA. Too many questions remain unanswered and too many problems remain unsolved for the NRC to grant an ESP.

12-10-04  
69 FR  
71854

Sincerely,

Mr. Ravi Grover  
POB 802103  
Chicago IL 60680

--  
This email was brought to you by Hindunet Mail  
<http://hindunet.com/>

SISP Review Complete  
Template ADM 013

1303

ERIS ADM-03

Add

J. Cushing (JXC9)

A. Williamson (ARWI)

ROB Rec'd  
3-9-05  
852

From: <michael\_j\_bernier@yahoo.com>  
To: <northanna\_esp@nrc.gov>  
Date: Tue, Mar 1, 2005 2:28 PM  
Subject: DENY Dominion's application for an Early Site Permit

12-10-04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

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Sincerely,

michael bernier  
1939 Village Grn S Apt A  
Riverside, RI 02915-4017

SISP Review Complete  
Template ADM 013

1304

ERIOS-ADM-03  
add  
g. Cushing (JXC9)  
G. Williamson (ARW)

From: <darkj2000@hotmail.com>  
To: <northanna\_esp@nrc.gov>  
Date: Tue, Mar 1, 2005 2:16 PM  
Subject: DENY Dominion's application for an Early Site Permit

ROB Rec'd  
3-9-05

853

12-10-04  
69 FR 71854

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Sincerely,

Jason Pooler  
16498 E Alameda Pl Apt 103  
Aurora, CO 80017-1119

ERIDS ADM03  
ADD

J. Cushing (JXC9)

A. Williamson (ARWD)

SISP Review Complete  
Template ADM-013

1305

RDB Rec'd  
3-9-05 (854)  
12-10-04  
69 FR 71854

From: <msalisbury@wesleyan.edu>  
To: <northanna\_esp@nrc.gov>  
Date: Tue, Mar 1, 2005 2:12 PM  
Subject: DENY Dominion's application for an Early Site Permit

Dear US Nuclear Regulatory Comm,

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Sincerely,

Michelle Salisbury  
79 Benjamin Rd  
Belmont, MA 02478-2332

ERFDS - ADM-03  
add J. Cushing (JXC9)  
A. Williamson (ARW)

1306

SISP Review Complete  
Template - ADM 013

RDB Rec'd  
3-9-05

855

From: <palmquist@comcast.net>  
To: <northanna\_esp@nrc.gov>  
Date: Tue, Mar 1, 2005 2:01 PM  
Subject: DENY Dominion's application for an Early Site Permit

Dear US Nuclear Regulatory Comm,

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Sincerely,

Elaine Palmquist  
762 Shallow Ridge Ct  
Abingdon, MD 21009-3016

12-10-04  
69 FR 71854

SISP Review Complete  
Template-ADM-013

1307

ERIDS-ADM-03  
add J. Cushing (JXC9)  
A. Williamson (ARW)

RDB Rec'd  
3-9-05

856

**From:** <syeaman@earthlink.net>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Tue, Mar 1, 2005 1:50 PM  
**Subject:** Oppose North Anna Nuclear Reactor

12-10-04  
69 FR 71854

Dear Chief Lesar

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SISP Review Complete  
 Template - ADM-013

1308

ERIDS-ADM-03  
 add J Cushing (JXC9)  
 A. Williamson (ARW)

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Suzanne Yeaman  
3323 Woodcreek Dr.

Charlottesville, VA 22911

RDB Rec'd  
3-9-05

(857)

From: "Diana Parker" <erthshr@comcast.net>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Tue, Mar 1, 2005 1:37 PM  
 Subject: Draft EIS Comment on North Anna

12-10-04  
69 FR 71854

Chief, Rules and Directives Branch, Division of Administrative Services, Office of Administration, Mailstop T-6D59, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail (sent no later than March 1, 2005) to NorthAnna\_ESP@nrc.gov.

Dear Sir:

The Falls of the James Group Sierra Club (central, southern Virginia) is opposed to the building of additional nuclear reactors in central Virginia and oppose an Early Site Permit (ESP) for Lake Anna. Our membership of 1900 ask that our letter is included in with your comment period of the Draft EIS and ask that as Conservation Chair of our group that you keep me informed of the progress of this case.

The Sierra Club position is that currently, two reactors operating at Lake Anna draws 1.9 million gallons of water per minute from the waters of the South Anna, and discharges hot water back. Hot water has a negative affect on the striped bass, one of the most thermally-sensitive fish species. This statement is supported by VDEQ statement of "a tenuous situation" for the health of the striped bass population. We fear that the maximum daily surface temperature would increase near the dam and intake pipe.

According to the Virginia Department of Game and Inland Fisheries, "It is likely that even a small increase in reservoir water temperature would have a dramatic effect-further reducing the already limited habitat and perhaps jeopardizing the entire striped bass fishery." We cannot afford this impact on our populations of sport fishery and recreation that Sierrans around the state enjoy.

We definitely have enjoyed the last few years of increased rains, but we know that these have been unusual. We know that increased water withdrawals up to 60% over current conditions would impact recreation to an estimated 43,000 recreational users and also for home water usage during normal or drought conditions. During the 2002 drought, boats could not launch from many of the home and recreation sites so desired by our members.

For Sierrans the nuclear waste storage issue is unresolved, additional plants would only exacerbate this national problem. Our concerns are for insurance and bonding against costs of a major nuclear accident and the dangers of transportation of this spent fuel. Our concerns are for security and safety of our members and citizens of Virginia. Washington DC is only 90 miles down wind and less than forty from Richmond, Fredericksburg, and Charlottesville where many of our members reside. You must address these concerns, why have citizens been offput on these points?

Also we are concerned that the U.S. Nuclear Regulatory Commission admitted two of the arguments--that Dominion had failed to analyze the environmental impact if they took no action at all, and that Dominion had failed to fully analyze the impact of new reactors on the striped bass population in the lake. Again please keep us advised of progress in this case.

ERIOS-ADM.03

Add - J. Cushing (JXC9)

A. Williamson (ARW)

SISP Review Complete  
Template-ADM-013

1311

Sincerely,

Diana C. Parker, Conservation Chair 3/1/05  
Falls of the James Group (central Virginia) of the Virginia Chapter Sierra  
Club  
10700 Chalkley Road  
Richmond Virginia 23237-4048 804-748-7842  
erthshr@comcast.net

RDB Rec'd  
3-9-05

From: "Matthew Holland" <meh6j@nrotc.rotc.virginia.edu>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Tue, Mar 1, 2005 12:50 PM  
Subject: Propoesed Nuclear Power Plants on Lake Anna

858

Good afternoon,

I fully support this initiative. I am a Louisa County resident and the benefits to our county and state are extensive. This kind of an initiative must occur if we are to lessen our country's dependence on fossil fuels.

If I could lend an outside perspective, I believe that the health risks associated with a nuclear reactor should be brought to the forefront. If a comparision between coal burning power plants and nuclear power plants were ever fully debated there would be no question to which one is more environmentally friendly. Be proactive and inform as many people as possible.

Respectfully, Matthew Holland

12-10-04  
69 FR 71854

SISP Renewal Complete  
Template-ADM-013

1313

ERIOS-ADM-03  
Gold J. Cushing (JXC9)  
A. Williamson (ARWI)

RDB Rec'd  
3-9-05

(859)

**From:** <mmgrant@bulldog.unca.edu>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Tue, Mar 1, 2005 12:46 PM  
**Subject:** Oppose North Anna Nuclear Reactor

12-10-04  
89 FR 71854

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

In a time of increased terrorist threat, new nuclear power plants increase physical and economic risks to central Virginia residents, Dominion customers and shareholders, and nuclear industry employees. Al Qaeda is known to have considered nuclear power plants as a target for an attack. Terrorist threats and heightened Threat Advisory Levels (Orange and Red level) may lead to severe restrictions on public access to Lake Anna, which could impact local businesses dependent on public use of the lake. This has already happened at over a dozen lakes with nuclear plants around the country. Adding additional reactors to the North Anna facility could also increase its attractiveness as a terrorist target, increasing the frequency and likelihood of lake closures.

Safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application also doesn't consider what the effect might be on the cost of power in Virginia or nationally, or the need for new generating capacity. Virginia currently has a surplus of electrical generating capacity, so excess power will likely be sold outside the state rather than being used in-state to lower prices. Local residents will be forced to live with the risks of the nuclear plant without getting the benefits.

The history of nuclear power demonstrates that constructing nuclear reactors is expensive, with final costs often running billions of dollars over budget – costs that are often passed on to ratepayers. The first 75 reactors constructed in the U.S. had a combined cost overrun of over \$100 billion. The average reactor ran 400% over budget and was over 4 years late in start up. The last reactor in the U.S. to be completed, the Watts Bar plant in Tennessee, was finally opened in 1996, 23 years after it was first proposed. It cost \$8 billion.

ERIS-ADM-03  
add J. Cushing (JXC9)  
A. Williamson (ARW)SISP Review Complete  
Template-ADM-013

1314

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

A major nuclear accident could leave an area the size of Pennsylvania uninhabitable for decades. The area around the Chernobyl nuclear plant, site of a major accident in 1986, is still closed to public access and radiation levels are still high. Cleanup costs for a major nuclear accident are estimated to be around \$500 billion, not including broader economic shockwaves. The nuclear industry's liability for such an accident is capped at around \$10 billion, leaving taxpayers with a \$490 billion bill, ratepayers with a bankrupt utility, and surviving residents without a home.

Nearly 3½ years after September 11th, 2001, legislation to improve security at nuclear plants has not been enacted, and security improvements by the nuclear industry have been shown to have significant gaps and flaws. Security guards are often ill-trained and ill-equipped. Mock assaults designed to test guards and keep them on their toes are often done in an unrealistic manner, with months of advanced warning, and with added security forces that are not normally present to defend against a real attack.

There is at this time no solution to the problem of nuclear waste, and constructing new reactors will only worsen that problem. The proposed Yucca Mountain repository in Nevada will not open until 2010 at the earliest, but even industry experts feel 2015 is a more realistic best-case scenario. That doesn't count the remaining scientific questions about the suitability of the site, and the half-dozen lawsuits currently pending – any of which could send the U.S. Department of Energy back to the drawing board. Even if the facility were to open as scheduled, it's not large enough to hold even the amount of waste expected to be generated by currently-operating plants. Waste from new plants will require a new repository. Meanwhile, all the highly-radioactive irradiated fuel from the plants will continue to be stored on-site.

Emergency plans for dealing with an accident or terrorist attack are inadequate, and rely on teachers, bus drivers, doctors, and other civilians to facilitate an evacuation, without taking into account the possibility of role abandonment. Studies of the Three Mile Island accident, which took place in 1979 in Pennsylvania, found that doctors and other key workers abandoned their posts up to 25 miles from the site to tend to their families or save themselves. In the case of a more severe accident, heroic actions would be required to successfully carry out an evacuation.

In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Mariah Grant  
1709 Old Forge Rd.

1315

Charlottesville, VA 22901

RDB Rec'd  
3-9-05  
(860)

**From:** <marthaw200@aol.com>  
**To:** <northanna\_esp@nrc.gov>  
**Date:** Tue, Mar 1, 2005 12:16 PM  
**Subject:** DENY Dominion's application for an Early Site Permit

12-10-04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly and will raise water temperatures harming game fish.

Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

Martha Williams  
PO Box 13691  
Roanoke, VA 24036-3691

SISP Review Complete  
Template - ADM-013 **1317**

ER105-ADM-03  
add J. Cushing  
(JXCQ)  
A. Williamson (ARW)

RDB Rec'd  
3-9-05  
(861)

From: <Cristamor@aol.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Tue, Mar 1, 2005 12:10 PM  
Subject: I oppose any new nuclear reactors

12-10-04  
69 FR 71854

NRC Regulators:

I am writing in strong opposition to any new nuclear reactors at North Anna or any location. We can figure out better ways to boil water that do not come with terrorist threats, the destruction of DNA for thousands of years or cancer.

I live within the impact zone of North Anna, and I don't want to pay for the subsidies involved.

Please consider the future.

Rebecca Farris  
Charlottesville, VA

SISP Review Complete  
Template - ADM 013

1318

ER105-ADM-03  
add - J. Cushing (JXC9)  
A. Williamson (ARW)

ROB Rec'd  
3-9-05 (862)

From: <meswehner@hotmail.com>  
To: <northanna\_esp@nrc.gov>  
Date: Tue, Mar 1, 2005 11:50 AM  
Subject: DENY Dominion's application for an Early Site Permit

12-10-04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

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Sincerely,

Michaela Wehner  
2017 23rd Ave E  
Seattle, WA 98112-2935

SISP Review Complete  
Template ADM.013

ERIDS-ADM.03  
Add J. Cushing (JXC9)  
J. Williamson (ARWI)

RDB Recd  
3-19/05

(863)

From: Lisa Shell <lisashell\_1995@yahoo.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Tue, Mar 1, 2005 11:46 AM  
Subject: Comments on DEIS

12-10-04  
69 FR 71854

Please find attached the unedited remarks I prepared for the 2/17 hearing. As my time was limited, my actual statement at the hearing was a bit shorter.

Thank you,  
Lisa Shell  
Vice-President, North American-Young Generation in Nuclear  
Richmond, Virginia

Do you Yahoo!?  
Yahoo! Sports - Sign up for Fantasy Baseball.  
<http://baseball.fantasysports.yahoo.com/>

SISP Review Complete  
Template ADM 013

1320

ERIDS ADM.03  
add J. Cushing (JXC9)  
A Williamson (ARWI)

**LAS Remarks at 2/17 NRC Public Hearing**

My name is Lisa Shell and I live in Henrico County. I am a nuclear engineer with degrees from the University of Missouri-Rolla and the Massachusetts Institute of Technology and have worked in the nuclear industry for 10 years. When I first chose nuclear engineering as a career path, I was fascinated by the science and inspired by the opportunity to contribute to an industry that benefits our society, our health, our economy, and our environment. Although many challenging years of school took the technical mystery away from me, I have remained excited about the benefits of nuclear science and technology. Like many of you, the one issue that concerned me the most was nuclear waste. So, as I progressed in my education I began to concentrate more on waste management. Following my studies, nearly all of my 10 years working in the industry has been focused on spent nuclear fuel management, first defense-related and then commercial.

I am also the Vice-President of the North American-Young Generation in Nuclear (NA-YGN) and a member of the local Virginia section. Many of the local members that are here tonight are residents of Louisa or other immediately surrounding counties. NA-YGN was formed in 1999 as an organization that unites young professionals that share a personal conviction that nuclear science and technology make important and valuable contributions to our society.

One of the group's primary missions is public information. We believe that public discourse often does not give fair play to the benefits of nuclear technology or the truth about solutions to safety and environmental concerns. As young nuclear professionals we are in a unique position to give balance to the issues and share our firsthand knowledge and expertise with our friends, neighbors, elected officials, and media representatives.

As nuclear technology relates to electricity generation, we want to tell everyone the success story that is nuclear power in our country. Nuclear energy is safe, clean, and reliable, and is an important part of a balanced energy mix. Currently, nuclear provides about one-fifth of our nation's electricity and about one third of Virginia's. In Virginia, the power output of the Surry and North Anna plants represent about 7 million tons of carbon dioxide emissions avoided each year.

Furthermore, we support the ESP process as the means to guarantee an open and thorough evaluation of future nuclear projects, while ensuring the timeliness and predictability of the process.

In particular, as nuclear professionals AND as concerned local citizens we concur with the NRC's conclusion that environmental impacts would not prevent issuing an Early Site Permit for the North Anna site.

The Environmental Report of Dominion's ESP application and the NRC's draft Environmental Impact Statement demonstrate in great detail what has become patently obvious in an era of increasing concerns about global warming, air pollution, environmental protection, and industrial safety. That is, in spite of the misinformed and skewed claims of a small minority of career antinuclear activists, nuclear power has perhaps the SMALLEST impact on the environment including water, land, habitat, species and air resources. And LIFE-CYCLE emission analyses show that, per kilowatt-hour, the impact of nuclear energy is among the lowest of ANY form of electricity generation INCLUDING wind and solar.

And as an aside, though we are not here to debate the issue of spent nuclear fuel, I would like to add that as an engineer who has years of experience working and performing research in the management

of nuclear waste, I can say with confidence that the problems of transportation and disposal are political, not technical.

I was tempted to begin presenting a list of facts and figures here but I would rather save the full technical treatment for when my time to speak isn't limited. The matter of nuclear power here in Virginia has become an emotional issue so I want to share with my friends and neighbors some of my own experiences along with some of the facts. Here are things that I know:

- I have seen the scare tactics, skewed data and misinformation that characterize the campaign of career antinuclear ideologues. Recently, two venerated leaders of the Green Movement, James Lovelock in the United Kingdom and Patrick Moore, a founder of Greenpeace, publicly criticized such distortion of the facts. Lovelock has said that the fears these types of antinuclear organizers have about the safety of nuclear energy are "irrational and exaggerated." Moore has said that such groups have "abandoned science and logic in favor of emotion and sensationalism."
- I have found that in many cases, the misinformation campaign is intentional. Ten years ago, I met a scientist from the Natural Resources Defense Council at a public hearing. He must have assumed from my casual appearance that I agreed with his position. This man told me that even if DOE and the NRC could convince him technically that Yucca Mountain was safe, he wouldn't tell his constituency that because it would undermine their goal of forcing the shutdown of all nuclear power plants.
- More recently I was stunned when a physicist speaking for PACE led people to believe that extracting plutonium and making a bomb from spent fuel like that at North Anna was about as easy as a high school chemistry experiment.
- Career antinuclear ideologues continue to trot out Dr. Mangano to scare the public even though his Tooth Fairy study has been debunked by the likes of the Center for Disease Control, the National Institutes of Health, the NY Times, and the Health departments of New York, Connecticut, and Illinois, just to name a few.
- A young engineer and former colleague of mine was in utero mere miles from the Three Mile Island plant at the time of the 1979 accident. She and many of her high school classmates were born and near TMI in the year following the problems at Unit 2. She told me that they are always perplexed by the exaggerated claims made by antinuclear ideologues. She told me that they would read stories alleging all sorts of alarming effects and they would laugh and wonder what the brouhaha was all about.
- And though I am not speaking for Dominion here tonight, I can tell you my experiences as an employee. Now, I wouldn't claim they are perfect, I would certainly like a higher salary, but I have found the management to be uncompromising when it comes to safety and ethics. As an engineer at Dominion it has been constantly reinforced that I am not only encouraged, but **REQUIRED**, to bring to management's attention immediately any safety or ethics concern. And in practice, I have done so, particularly in my former position overseeing the fabrication of spent nuclear fuel casks. Even if addressing my concerns meant schedule delays or additional cost, even if in the end my concern was **UNFOUNDED**, I have always had the support of my management in pursuing questions of safety, design, and ethics.

- And engineers and management are far from the last or only lines of defense. In addition to the inherent and designed safety features of the plants, I know the people that make them work. I have crawled through spent fuel casks with some of the dedicated inspectors whose full-time jobs are to monitor the fabrication of Dominion's critical equipment. I personally know some of the operators and their incredible attention to detail, safety, and peer-checking every time they move fuel. Though they haven't always made my job easy, I personally know the thoroughness of the people that write and review procedures. And my list could go on.
- Antinuclear ideologues like to say that it only takes one person to make a mistake for there to be a catastrophic event. Not only is that patently false, but the opposite is true: If there were something seriously wrong with the plant, it would take only one person to shut it down.

And that brings me to the last item I want to address. For several months now, I've listened to antinuclear extremists claim that severe accidents can happen at power plants anytime, and that nuclear power poisons the public and the environment. I've realized that they are implying one of two things. They are implying either that all of us who work in the nuclear industry are clueless idiots that blindly go about our own sinister jobs or that we are all greedy mercenaries in collusion with the corporations for which we work.

In fact, last Saturday, at a meeting organized by PACE, Public Citizen, NIRS, and BREDL, the leaders explicitly charged me with either ignorance or greed. Either they are insulting my intelligence and education, or they are insulting my character and integrity. Either way, I am personally offended. My health and safety and that of my family and friends ALWAYS come first. I also believe that we as a society must be good stewards of the environment. I would not work in this industry if it violated these principles and I believe I speak for most if not all of the nuclear professionals here tonight.

RDB Rec'd  
3-9-05

(864)

From: <TCOLSEN@earthlink.net>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Tue, Mar 1, 2005 11:40 AM  
 Subject: Oppose North Anna Nuclear Reactor

12-10-04

69 FR 71854

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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In a time of increased terrorist threat, new nuclear power plants increase physical and economic risks to central Virginia residents, Dominion customers and shareholders, and nuclear industry employees. Al Qaeda is known to have considered nuclear power plants as a target for an attack. Terrorist threats and heightened Threat Advisory Levels (Orange and Red level) may lead to severe restrictions on public access to Lake Anna, which could impact local businesses dependent on public use of the lake. This has already happened at over a dozen lakes with nuclear plants around the country. Adding additional reactors to the North Anna facility could also increase its attractiveness as a terrorist target, increasing the frequency and likelihood of lake closures.

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The history of nuclear power demonstrates that constructing nuclear reactors is expensive, with final costs often running billions of dollars over budget – costs that are often passed on to ratepayers. The first 75 reactors constructed in the U.S. had a combined cost overrun of over \$100 billion. The average reactor ran 400% over budget and was over 4 years late in start up. The last reactor in the U.S. to be completed, the Watts Bar plant in Tennessee, was finally opened in 1996, 23 years after it was first proposed. It cost \$8 billion.

SISP Review Complete  
 Template ADM.013

1324

ERIDS-ADM.03  
 add'l g. Lusheng (JXC9)  
 G. Williamson (ARWI)

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

A major nuclear accident could leave an area the size of Pennsylvania uninhabitable for decades. The area around the Chernobyl nuclear plant, site of a major accident in 1986, is still closed to public access and radiation levels are still high. Cleanup costs for a major nuclear accident are estimated to be around \$500 billion, not including broader economic shockwaves. The nuclear industry's liability for such an accident is capped at around \$10 billion, leaving taxpayers with a \$490 billion bill, ratepayers with a bankrupt utility, and surviving residents without a home.

Nearly 3½ years after September 11th, 2001, legislation to improve security at nuclear plants has not been enacted, and security improvements by the nuclear industry have been shown to have significant gaps and flaws. Security guards are often ill-trained and ill-equipped. Mock assaults designed to test guards and keep them on their toes are often done in an unrealistic manner, with months of advanced warning, and with added security forces that are not normally present to defend against a real attack.

There is at this time no solution to the problem of nuclear waste, and constructing new reactors will only worsen that problem. The proposed Yucca Mountain repository in Nevada will not open until 2010 at the earliest, but even industry experts feel 2015 is a more realistic best-case scenario. That doesn't count the remaining scientific questions about the suitability of the site, and the half-dozen lawsuits currently pending – any of which could send the U.S. Department of Energy back to the drawing board. Even if the facility were to open as scheduled, it's not large enough to hold even the amount of waste expected to be generated by currently-operating plants. Waste from new plants will require a new repository. Meanwhile, all the highly-radioactive irradiated fuel from the plants will continue to be stored on-site.

Emergency plans for dealing with an accident or terrorist attack are inadequate, and rely on teachers, bus drivers, doctors, and other civilians to facilitate an evacuation, without taking into account the possibility of role abandonment. Studies of the Three Mile Island accident, which took place in 1979 in Pennsylvania, found that doctors and other key workers abandoned their posts up to 25 miles from the site to tend to their families or save themselves. In the case of a more severe accident, heroic actions would be required to successfully carry out an evacuation.

In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Thomas Olsen  
470 Hemlock Road

1325

Salem, VA 24153

From: <asb76@hotmail.com>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Tue, Mar 1, 2005 10:46 AM  
 Subject: Oppose North Anna Nuclear Reactor

RDB Rec'd  
 3-9-05

865

12-10-04

69 FR 71854

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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ERIS-ADM-03  
 add J. Cushing  
 (JXC9)

SISP Review Complete  
 Template ADM-013

1327

A. Williamson  
 (ARWI)

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Andy Barton  
3422 Kensington Ave.

Apt. 2  
Richmond, VA 23221

RDB Rec'd  
3-9-05

From: Fred Dove <ftd22901@yahoo.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Tue, Mar 1, 2005 3:07 PM  
Subject: NO NEW NUCLEAR

866

What a lovely group of homswogglers you are ! Seems our government's nose is growing longer than Pinocchio's. Why don't you just tell the TRUTH ? There will come a time when all of your lies are going to catch up with you and I hope that I'm around to escort you to the prison of my choice. Why damage Virginia any more than you already have? I understand that Iran is in the market for your services. Have a happy non-nuclear day, F.T.Dove

12-10-04  
69 FR 71854

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Do you Yahoo!?  
Yahoo! Sports - Sign up for Fantasy Baseball.  
<http://baseball.fantasysports.yahoo.com/>

SISP Review Complete  
Template

1330

ERIOS-ADM-03  
Add J. Cushing (JXC9)  
A. Williamson (ARW1)

RDB Rec'd  
3-9-05  
867

From: <Kuhlik3@aol.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Tue, Mar 1, 2005 10:38 AM  
Subject: No more nuclear power

Dear Folks,

Please do not revisit nuclear power!! We still have not adequately cleaned up the waste from previous plants and it is unfair to expect the taxpayers to subsidize the industry.

Sincerely,  
Barry Kuhlik  
773 Lee Ln.  
Fincastle, VA 24090

12-10-04  
69 FR 71854

SISP Review Complete  
Template-ADM-013

ERIOS-ADM.03  
Add J. Cushing (JXC9)  
A. Williamson (ARWI)

1331

From: <john@jdconsulting.org>  
To: <northanna\_esp@nrc.gov>  
Date: Fri, Feb 25, 2005 7:07 PM  
Subject: DENY Dominion's application for an Early Site Permit

RDB Rec'd  
3-9-05  
868

12-10-04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly and will raise water temperatures harming game fish.

Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

John Dukovich  
1201 Pine Hill Rd  
Mc Lean, VA 22101-2906

ER105 - ADM-03  
add J. Cushing - JXC9  
A. Williamson - ARW1

SISP Review Complete  
Template - ADM-013

1332

From: <sewise@marlboro.edu>  
 To: <northanna\_esp@nrc.gov>  
 Date: Fri, Feb 25, 2005 7:02 PM  
 Subject: DENY Dominion's application for an Early Site Permit

RDB Rec'd

3-9-05

(869)

12-10-04

69 FR 71854

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Sincerely,

Sarah Wise  
 507 W Drive Cir  
 Richmond, VA 23229-6831

ERIOS-ADM-03  
 add J Cushing - JXC9

1333 Williamson - ARW1

ESP Review Complete  
 Template ADM-013

RDB Rec'd  
3-9-05 (870)

From: <drpepper1952@yahoo.com>  
To: <northanna\_esp@nrc.gov>  
Date: Fri, Feb 25, 2005 6:53 PM  
Subject: DENY Dominion's application for an Early Site Permit

12-10-04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

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Sincerely,

David Roth  
1303 S Walter Reed Dr Apt 201  
Arlington, VA 22204-4932

ERIDS-ADM-03

dd

1334 5 Cushing - JXC9  
Williamson - ARW1

SISP Review Complete  
Template-ADM-013

ADB Rec'd  
3-9-05

(871)

From: <erraticity@mac.com>  
To: <northanna\_esp@nrc.gov>  
Date: Fri, Feb 25, 2005 6:51 PM  
Subject: DENY Dominion's application for an Early Site Permit

12-10-04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

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Sincerely,

kris unger  
2200 2nd St N Apt 6  
Arlington, VA 22201-1564

ERIDS-ADM-03

11

1335

ishing - JXC9

Williamson - ARW

SISP Review Complete  
Template ADM-013

RDB Rec'd  
3-9-05  
(872)

From: <kt123dmb@hotmail.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 6:26 PM  
Subject: Oppose North Anna Nuclear Reactor

12-10-04  
69 FR 71854

Dear Chief Lesar

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SISP Review Complete  
Template-ADM-013

1336

ERIOS-ADM-03  
adad of Cushing - JXC9  
AWilliamson - ARW1

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Katie Stump  
3602 Sherwood Place

1337

Lynchburg, VA 24503

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**1338**

RDB Rec'd  
3-9-05  
(873)

From: <pj3whetstone@hargray.com>  
To: <northanna\_esp@nrc.gov>  
Date: Fri, Feb 25, 2005 6:18 PM  
Subject: DENY Dominion's application for an Early Site Permit

12-10-04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

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Sincerely,

Joe Whetstone  
10 Hamilton Dr  
Bluffton, SC 29909-4437

SISP Review Complete  
Template - ADM013

ERIS-ADM-03  
1339 J Cushing - JXC9  
A Williamson - ARW

RDB Rec'd  
3-9-05

874

From: <jmthiele@earthlink.net>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Thu, Feb 24, 2005 11:59 PM  
Subject: Oppose North Anna Nuclear Reactor

12-10-04

69 FR 71854

Dear Chief Lesar

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ER105-ADM 03

Add

J Cushing (JXC9)

A. Williamson

(ARW)

SISP Review Complete  
Template ADM-013

1340

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Joanne M. Thiele  
201 South Blake Rd.

Norfolk, VA 23505

ROB Rec'd  
3-9-05  
(875)

From: <ajp4y@virginia.edu>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 12:05 AM  
Subject: Oppose North Anna Nuclear Reactor

Dear Chief Lesar

12-10-04  
69 FR 71854

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ERIOS-ADM-03  
Add J. Cushing  
(JXC9)  
A. Williamson  
(ARW)

SISP Review Complete  
Template ADM-013

1343

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anjili pal  
109 shamrock rd

1344

charlottesville, VA 222903

RDB Rec'd  
3-9-05

876

From: <tootallgirl@hotmail.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 12:34 AM  
Subject: Oppose North Anna Nuclear Reactor

12-10-04  
69 FR 71854

Dear Chief Lesar

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ERIOS-ADM-03

SISP Review Complete  
Template - ADM-013

Cushing (JXC9)  
1346 Williamson (ARWT)

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Sherri Cook

1347

138 Stonebrake Lane  
Winchester, VA 22603

RDB Rec'd  
3-9-05

877

**From:** <namewon@whro.net>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Fri, Feb 25, 2005 12:38 AM  
**Subject:** Oppose North Anna Nuclear Reactor

Dear Chief Lesar

12-10-04  
69 FR 71854

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The history of nuclear power demonstrates that constructing nuclear reactors is expensive, with final costs often running billions of dollars over budget - costs that are often passed on to ratepayers. The first 75 reactors constructed in the U.S. had a combined cost overrun of over \$100 billion. The average reactor ran 400% over budget and was over 4 years late in start up. The last reactor in the U.S. to be completed, the Watts Bar plant in Tennessee, was finally opened in 1996, 23 years after it was first proposed. It cost \$8 billion.

SISP Review Complete  
Template ADM-013

ERIOS-ADM03  
J. Lushington (JXC9)  
1349 Williamson (ARW)

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

A major nuclear accident could leave an area the size of Pennsylvania uninhabitable for decades. The area around the Chernobyl nuclear plant, site of a major accident in 1986, is still closed to public access and radiation levels are still high. Cleanup costs for a major nuclear accident are estimated to be around \$500 billion, not including broader economic shockwaves. The nuclear industry's liability for such an accident is capped at around \$10 billion, leaving taxpayers with a \$490 billion bill, ratepayers with a bankrupt utility, and surviving residents without a home.

As a resident of Lancaster, PA, at the time of the near-meltdown of the Three Mile Island Nuclear Plant in 1979, I am more than usually sensitive to hazards of nuclear power and what can happen in a population when an accident occurs. Believe me, the risk far outweighs the benefits.

Nearly 3½ years after September 11th, 2001, legislation to improve security at nuclear plants has not been enacted, and security improvements by the nuclear industry have been shown to have significant gaps and flaws. Security guards are often ill-trained and ill-equipped. Mock assaults designed to test guards and keep them on their toes are often done in an unrealistic manner, with months of advanced warning, and with added security forces that are not normally present to defend against a real attack.

There is at this time no solution to the problem of nuclear waste, and constructing new reactors will only worsen that problem. The proposed Yucca Mountain repository in Nevada will not open until 2010 at the earliest, but even industry experts feel 2015 is a more realistic best-case scenario. That doesn't count the remaining scientific questions about the suitability of the site, and the half-dozen lawsuits currently pending – any of which could send the U.S. Department of Energy back to the drawing board. Even if the facility were to open as scheduled, it's not large enough to hold even the amount of waste expected to be generated by currently-operating plants. Waste from new plants will require a new repository. Meanwhile, all the highly-radioactive irradiated fuel from the plants will continue to be stored on-site.

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected

increases in energy demands over the coming years.

D.D. Delaney  
2450 E. Ocean View Ave., Norfolk, VA, 23518  
Norfolk, VA 23518-1111

RDB Rec'd  
3-9-05

From: <jambon99@aol.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 1:01 AM  
Subject: Oppose North Anna Nuclear Reactor

878

Dear Chief Lesar

12-10-04  
69 FR 71854

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

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SISP Review Complete  
Template ADM-013

1352

ER105-ADM-03  
ed g. Cushing (JXC9)  
A. Williamson (ARW)

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Ryan Cunningham  
11796 Rockaway Ln

Fairfax, VA 22030-7958

1354

From: <vstroga2@fastmail.fm>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 1:01 AM  
Subject: Support North Anna Nuclear Reactor

RDB Rec'd  
3-9-05

(879)

Dear Chief Lesar

I support your plan to build another nuclear power plant. Nuclear energy is far cleaner and more efficient than the feasible alternatives, whatever the radicals may think. I'm pretty liberal, I'm a member of the ACLU, but on Nuclear power I have to break from my usual stance. Don't let the Environmental groups get you down. You have nuclear energy supporters who are counting on you!

12/16/04  
69 FR 71854

Andrew Dzikiewicz  
7804 Suffolk Court  
Alexandria, VA 22315

SISP Review Complete  
Template: ADM-013

1355

ERIDS-ADM-03  
Adol J. Cushing (JXC9)  
Q. Williamson (ARW)

RDB Rec'd  
3-9-05

880

**From:** <muchnick@capaccess.org>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Fri, Feb 25, 2005 2:52 AM  
**Subject:** Oppose North Anna Nuclear Reactor

12-10-04

69 FR 71854

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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ERIS-ADM-03  
coul - J. Cushing  
(JXC9)

A. Williamson (ARW)

SISP Review Complete  
Template - ADM-013

1356

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Allen Muchnick

1357

1030 S Barton St #274  
Arlington, VA 22204

RDB Recd  
3-9-05

(881)

From: <Dextepayne@aol.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 3:20 AM  
Subject: NO ESP for Dominion!

Chief, Rules and Directives Branch  
Division of Administrative Services  
Office of Administration  
Mailstop T-6D59  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

12-10-04  
69 FR 71854

To Whom It May Concern:

I am writing to OPPOSE granting an Early Site Permit (ESP) to Dominion Resources to build two new reactors at the North Anna nuclear plant in Mineral, VA. The draft Environmental Impact Statement states that construction activities permissible under the ESP may stir up heavy metals and other contaminants in the lake sediment, while details about mitigation measures are murky. Further, other effects on the lake, such as temperature increases and reduced water levels, are not fully analyzed. Finally, questions about the adequacy of current security regulations and performance are ignored, as are issues of waste generation and its safe, permanent isolation.

Too many questions remain unanswered and too many problems remain unsolved for the NRC to grant an ESP.

Sincerely,  
Dexter Payne  
2446 7th St  
Boulder, CO 80304

51SP Review Complete  
Template ADM-013

ER105-ADM-03  
add g. Cushing (JXC9)  
G. Williamson (ARWI)

1359

RDB Rec'd  
3-9-05

882

12-10-04  
69 FR 71854

From: <carruthll@erols.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 6:09 AM  
Subject: Oppose North Anna Nuclear Reactor

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

In a time of increased terrorist threat, new nuclear power plants increase physical and economic risks to central Virginia residents, Dominion customers and shareholders, and nuclear industry employees. Al Qaeda is known to have considered nuclear power plants as a target for an attack. Terrorist threats and heightened Threat Advisory Levels (Orange and Red level) may lead to severe restrictions on public access to Lake Anna, which could impact local businesses dependent on public use of the lake. This has already happened at over a dozen lakes with nuclear plants around the country. Adding additional reactors to the North Anna facility could also increase its attractiveness as a terrorist target, increasing the frequency and likelihood of lake closures.

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SISP Review Complete  
Template: ADM-01: 1360

ERIDS-ADM-03  
and J. Cushing (JXC9)  
C. Williamson (ARWD)

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Lynne Carruth  
1048 Vanderploeg Drive

Chesapeake , VA 23320

RDB Recd  
3-9-05

From: <wildwood56@hotmail.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 6:33 AM  
Subject: Oppose North Anna Nuclear Reactor

883

Dear Chief Lesar

12-10-04  
69 FR 71854

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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ERIOS - ADM-03

ESP Review Complete  
Template - ADM-013

1363  
Cushing - (JXC9)  
Williamson (ARWD)

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MIKE CRAIG  
WILDWOOD RANCH

5464 WHEELERS COVE  
Shipman, Va 22971

RDB Rec'd  
3-9-05

884

From: <gae2k@virginia.edu>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 9:38 AM  
Subject: Oppose North Anna Nuclear Reactor

Dear Chief Lesar

12-10-04  
69 FR 71854

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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SISP Review Complete  
Template ADM 013

1366

ERIDS-ADM 03  
Lol J Cushing (LJC9)  
A. Williamson (ARW)

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Garrett English  
3445 Farmington Dr.

1367

Roanoke, VA 24018

**From:** Alan Carlson <discern@visi.com>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Fri, Feb 25, 2005 9:29 AM  
**Subject:** oppose ESP for Dominion Resources

RDB Rec'd  
3-9-05

(885)

To Whom It May Concern:

I am writing to OPPOSE granting an Early Site Permit (ESP) to Dominion Resources to build two new reactors at the North Anna nuclear plant in Mineral, VA. The draft Environmental Impact Statement states that construction activities permissible under the ESP may stir up heavy metals and other contaminants in the lake sediment, while details about mitigation measures are murky. Further, other effects on the lake, such as temperature increases and reduced water levels, are not fully analyzed. Finally, questions about the adequacy of current security regulations and performance are ignored, as are issues of waste generation and its safe, permanent isolation.

12-10-04  
69 FR 71854

Too many questions remain unanswered and too many problems remain unsolved for the NRC to grant an ESP.

Sincerely,

Alan Carlson  
Saint Paul, MN

ERIDS-ADM-03  
add J. Cushing (JXC9)  
G. Williamson (ARW)

SISP Review Complete  
Template ADM-013

1369

RDB Rec'd  
3-9-05

From: <john-c@albemarle.org>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Feb 25, 2005 9:15 AM  
 Subject: Oppose North Anna Nuclear Reactor

(886)

Dear Chief Lesar

12-10-04  
69 FR 71854

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

In a time of increased terrorist threat, new nuclear power plants increase physical and economic risks to central Virginia residents, Dominion customers and shareholders, and nuclear industry employees. Al Qaeda is known to have considered nuclear power plants as a target for an attack. Terrorist threats and heightened Threat Advisory Levels (Orange and Red level) may lead to severe restrictions on public access to Lake Anna, which could impact local businesses dependent on public use of the lake. This has already happened at over a dozen lakes with nuclear plants around the country. Adding additional reactors to the North Anna facility could also increase its attractiveness as a terrorist target, increasing the frequency and likelihood of lake closures.

Safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application also doesn't consider what the effect might be on the cost of power in Virginia or nationally, or the need for new generating capacity. Virginia currently has a surplus of electrical generating capacity, so excess power will likely be sold outside the state rather than being used in-state to lower prices. Local residents will be forced to live with the risks of the nuclear plant without getting the benefits.

The history of nuclear power demonstrates that constructing nuclear reactors is expensive, with final costs often running billions of dollars over budget – costs that are often passed on to ratepayers. The first 75 reactors constructed in the U.S. had a combined cost overrun of over \$100 billion. The average reactor ran 400% over budget and was over 4 years late in start up. The last reactor in the U.S. to be completed, the Watts Bar plant in Tennessee, was finally opened in 1996, 23 years after it was first proposed. It cost \$8 billion.

SISP Review Complete

Template: ADM-013

1370

w/ J. Cushing (JXC9)

J. Williamson (ARWI)

ERIDS-ADM-03

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Nearly 3½ years after September 11th, 2001, legislation to improve security at nuclear plants has not been enacted, and security improvements by the nuclear industry have been shown to have significant gaps and flaws. Security guards are often ill-trained and ill-equipped. Mock assaults designed to test guards and keep them on their toes are often done in an unrealistic manner, with months of advanced warning, and with added security forces that are not normally present to defend against a real attack.

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

John Cruickshank  
700 Spring Lake Dr.

1371

Earlysville, VA 22936

From: <emiller72us@yahoo.com>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Feb 25, 2005 8:59 AM  
 Subject: Oppose North Anna Nuclear Reactor

RDB Rec'd  
 3-9-05

(887)

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12-10-04  
 69 FR 71854

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SISP Review Complete  
 Template-ADM-013

1373

ERIDS-ADM-03  
 add J. Cushing (JXC9)  
 A. Williamson (ARWI)

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

JASON MILLER  
4429 DORCHESTER RD

1374

NORTON, VA 24273

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**1375**

RDB Rec'd  
3-9-05

**From:** <atmanom@hotmail.com>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Fri, Feb 25, 2005 8:39 AM  
**Subject:** Oppose North Anna Nuclear Reactor

888

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12-10-04  
69 FR 71854

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SISP Review Complete  
Template: ADM013

1376

ERIS - ADM 03  
add J. Cushing (JXC9)  
A. Williamson (ARW1)

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Albert Fioretti  
RR 3 Box 167A

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1377

Howardsville, VA 24562-9302

RDB Rec'd  
3-9-05

From: <lilliemilyhoffman@earthlink.net>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Feb 25, 2005 7:41 AM  
 Subject: Oppose North Anna Nuclear Reactor

(889)

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12-10-04  
69 FR 71854

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E-RIDS-AOM.03

SISP Review Complete  
Template AOM.013

1379

Ed J. Cushing (JXC9)  
Williamson (ARWI)

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Lilli Hoffman  
408 E. Market St. Apt. 301

1380

Charlottesville, VA 22902

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**1381**

ROB Rec'd  
3-9-05

From: <canoehag@aol.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 8:02 AM  
Subject: Oppose North Anna Nuclear Reactor

(890)

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04  
69 FR 71854

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SISP Review Complete  
Template ADM-013

1382

ERWS-ADM-03  
del J. Cushing - (JXC9)  
A. Williamson - (ARWD)

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

marsha withers  
7504 brisbane dr

---

1383

richmond, VA 23225

ROB Rec'd  
3-9-05

891

From: <suehayden@mindspring.com>  
To: <northanna\_esp@nrc.gov>  
Date: Fri, Feb 25, 2005 7:08 PM  
Subject: DENY Dominion's application for an Early Site Permit

12-10-04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly and will raise water temperatures harming game fish.

And most importantly, it is past time to switch to safe, sustainable alternative energy sources -- oil and nuclear energy are filthy, non-sustainable sources that wreak havoc with the health of all beings on this planet and the planet itself.

Sincerely,

Sue Hayden  
605 Parkview Dr  
Rocky Mount, VA 24151-4012

ERIOS-ADM-03  
adef

SISP Review Complete  
Template ADM 013

1385

shing - JXC9  
weirmon - ARW1

RDB Rec'd

3-9-05

892

From: <efficient\_freight@msn.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 8:38 AM  
Subject: Oppose North Anna Nuclear Reactor

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12-10-04  
69 FR 71854

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

In a time of increased terrorist threat, new nuclear power plants increase physical and economic risks to central Virginia residents, Dominion customers and shareholders, and nuclear industry employees. Al Qaeda is known to have considered nuclear power plants as a target for an attack. Terrorist threats and heightened Threat Advisory Levels (Orange and Red level) may lead to severe restrictions on public access to Lake Anna, which could impact local businesses dependent on public use of the lake. This has already happened at over a dozen lakes with nuclear plants around the country. Adding additional reactors to the North Anna facility could also increase its attractiveness as a terrorist target, increasing the frequency and likelihood of lake closures.

Safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application also doesn't consider what the effect might be on the cost of power in Virginia or nationally, or the need for new generating capacity. Virginia currently has a surplus of electrical generating capacity, so excess power will likely be sold outside the state rather than being used in-state to lower prices. Local residents will be forced to live with the risks of the nuclear plant without getting the benefits.

The history of nuclear power demonstrates that constructing nuclear reactors is expensive, with final costs often running billions of dollars over budget - costs that are often passed on to ratepayers. The first 75 reactors constructed in the U.S. had a combined cost overrun of over \$100 billion. The average reactor ran 400% over budget and was over 4 years late in start up. The last reactor in the U.S. to be completed, the Watts Bar plant in Tennessee, was finally opened in 1996, 23 years after it was first proposed. It cost \$8 billion.

ERIDS-ADM-03

J. Cushing (JXC9)

Williamson (ARW)

1386

SISP Review Complete  
Template - ADM.013

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

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Nearly 3½ years after September 11th, 2001, legislation to improve security at nuclear plants has not been enacted, and security improvements by the nuclear industry have been shown to have significant gaps and flaws. Security guards are often ill-trained and ill-equipped. Mock assaults designed to test guards and keep them on their toes are often done in an unrealistic manner, with months of advanced warning, and with added security forces that are not normally present to defend against a real attack.

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Joseph Tyrrell  
411 Friendship Way

Palmyra , VA 22963

RDB Rec'd  
3/19/05

From: <i\_kat@hotmail.com>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Feb 25, 2005 8:03 AM  
 Subject: Oppose North Anna Nuclear Reactor

(893)

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04  
69 FR 71854

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The history of nuclear power demonstrates that constructing nuclear reactors is expensive, with final costs often running billions of dollars over budget – costs that are often passed on to ratepayers. The first 75 reactors constructed in the U.S. had a combined cost overrun of over \$100 billion. The average reactor ran 400% over budget and was over 4 years late in start up. The last reactor in the U.S. to be completed, the Watts Bar plant in Tennessee, was finally opened in 1996, 23 years after it was first proposed. It cost \$8 billion.

SISP Review Complete  
Template: ADM.013

1389

ERIOS-ADM-03  
add J. Cushing (JXCQ)  
A. Williamson (ARWI)

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

A major nuclear accident could leave an area the size of Pennsylvania uninhabitable for decades. The area around the Chernobyl nuclear plant, site of a major accident in 1986, is still closed to public access and radiation levels are still high. Cleanup costs for a major nuclear accident are estimated to be around \$500 billion, not including broader economic shockwaves. The nuclear industry's liability for such an accident is capped at around \$10 billion, leaving taxpayers with a \$490 billion bill, ratepayers with a bankrupt utility, and surviving residents without a home.

Nearly 3½ years after September 11th, 2001, legislation to improve security at nuclear plants has not been enacted, and security improvements by the nuclear industry have been shown to have significant gaps and flaws. Security guards are often ill-trained and ill-equipped. Mock assaults designed to test guards and keep them on their toes are often done in an unrealistic manner, with months of advanced warning, and with added security forces that are not normally present to defend against a real attack.

There is at this time no solution to the problem of nuclear waste, and constructing new reactors will only worsen that problem. The proposed Yucca Mountain repository in Nevada will not open until 2010 at the earliest, but even industry experts feel 2015 is a more realistic best-case scenario. That doesn't count the remaining scientific questions about the suitability of the site, and the half-dozen lawsuits currently pending – any of which could send the U.S. Department of Energy back to the drawing board. Even if the facility were to open as scheduled, it's not large enough to hold even the amount of waste expected to be generated by currently-operating plants. Waste from new plants will require a new repository. Meanwhile, all the highly-radioactive irradiated fuel from the plants will continue to be stored on-site.

Emergency plans for dealing with an accident or terrorist attack are inadequate, and rely on teachers, bus drivers, doctors, and other civilians to facilitate an evacuation, without taking into account the possibility of role abandonment. Studies of the Three Mile Island accident, which took place in 1979 in Pennsylvania, found that doctors and other key workers abandoned their posts up to 25 miles from the site to tend to their families or save themselves. In the case of a more severe accident, heroic actions would be required to successfully carry out an evacuation.

In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Katherine Hollins  
2906 Waterford Way West

Richmond, VA 23233

RDB Rec'd  
3-9-05

From: <robbertkurtz@yahoo.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 8:12 AM  
Subject: Oppose North Anna Nuclear Reactor

(894)

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers.

12-10-04  
69 FR 71859

Safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process.

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

A major nuclear accident could leave an area the size of Pennsylvania uninhabitable for decades.

There is at this time no solution to the problem of nuclear waste, and constructing new reactors will only worsen that problem.

I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Robert Kurtz  
609 Belmont Ave.  
Charlottesville, VA 22902

SISP Review Complete  
Template ADM-013

1392

ERIS-ADM-03  
add J. Cushing (JXC9)  
J. Williamson (ARW1)

RDB Rec'd  
3.9.05

From: <dlcjmb@peoplepc.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 5:55 PM  
Subject: Oppose North Anna Nuclear Reactor

12-10-04  
69FR71854

895

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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ERDS-ADM-03

edg. Cushing - JXC9  
Williamson - ARW1

SISP Review Complete  
Template - ADM-013

1393

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

David Campbell  
1033 Emory Place

Virginia Beach, VA 23464

RDB Rec'd  
3-9-05

896

12-10-04

69 FR 71854

**From:** <cqayaq@flash.net>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Fri, Feb 25, 2005 5:53 PM  
**Subject:** Oppose North Anna Nuclear Reactor

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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SISP Review Complete  
Template ADM-013 **1396**

ERIOS-ADM-03  
ad/g Cushing - JXC9  
A. Williamson - ARW

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Gregory Doggett  
13415 Deer Creek Rd.

Ashland, VA 23005

RDB Rec'd  
3-9-05 (897)

From: <lovecatz69@yahoo.com>  
To: <northanna\_esp@nrc.gov>  
Date: Fri, Feb 25, 2005 7:10 PM  
Subject: DENY Dominion's application for an Early Site Permit

12-10-04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly and will raise water temperatures harming game fish.

Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

We need to start investing in clean renewable energy - not nuclear!!! We need to leave a cleaner earth for our children's, children's children,

Sincerely,

Eliza Beth Engle  
5 E Monroe Ave Apt 210  
Alexandria, VA 22301-1978

SISP Review Complete  
Template-ADM-013

1399

ERIOS-ADM-03  
adaf  
J Cushing - JXC9  
A. Williamson - ARW1

RDB Rec'd  
3-9-05  
898  
12-10-04  
69 FR 71854

From: <murphy1870@aol.com>  
To: <northanna\_esp@nrc.gov>  
Date: Fri, Feb 25, 2005 7:10 PM  
Subject: DENY Dominion's application for an Early Site Permit

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Sincerely,

Margaret Murphy  
2209 Magnolia Grove Way  
Midlothian, VA 23113-4904

SISP Review Complete  
Template - ADM-013

1400

ERIDS - ADM03  
adad  
J. Cushing - JXC9  
A. Williamson - ARW1

RAB Rec'd  
3/9/05 (899)

From: <krakes@adelphia.net>  
To: <northanna\_esp@nrc.gov>  
Date: Fri, Feb 25, 2005 7:16 PM  
Subject: DENY Dominion's application for an Early Site Permit

12-10-04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

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Sincerely,

Karen Rakes  
621 Southview Ct Apt H  
Culpeper, VA 22701-3787

SISP Review Complete  
Template ADM-013

ERIDS-ADM-03  
1401 J. Cushing - JYK9  
Williamson - ARW1

RDB rec'd  
3/19/04 (900)

From: <jpmorgan2@aol.com>  
To: <northanna\_esp@nrc.gov>  
Date: Fri, Feb 25, 2005 7:48 PM  
Subject: DENY Dominion's application for an Early Site Permit

12-10-04  
69 FR ~~7000~~  
71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

I live only a few miles from the existing plant, and have always had concerns about my safety and health from living so close to a nuclear plant. I remember 3 Mile Island, and Chernobyl all too well. My fiance lived in the Ukraine during the time of the explosion, and has horror stories, and long term health problems as a result of living within 60 miles of the plant.

Also, I do not wish to see G.W. Bush and the DOE blow another 200 million of my tax money to cover the cost of new permits for this proposed facility on behalf of Dominion Power. Cutting the deficit, MY ASS!

Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

John Morgan  
208 Robertson Ave  
Charlottesville, VA 22903-3645

ERDS-ADM-03  
add J. Cushing - JXC9  
A. Williamson - ARW1

SISP Review Complete

Template-ADM-013

1402

RDB Recd  
3/9/04

(901)

12-10-04

69 FR ~~2003~~

71854

From: <hap4@meckcom.net>  
 To: <northanna\_esp@nrc.gov>  
 Date: Fri, Feb 25, 2005 7:42 PM  
 Subject: DENY Dominion's application for an Early Site Permit

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Sincerely,

Talbott Hagood  
 PO Box 334  
 312 N. Main St.  
 Clover, VA 24534-0334

SISP Review Complete  
 Template-ADM-013

ERIS-ADM-03  
 adol J. Cushing - JXC9  
 1403 Williamson - ARW1

RDB Rec'd  
3-9-05

902

From: <serapis@erols.com>  
To: <northanna\_esp@nrc.gov>  
Date: Fri, Feb 25, 2005 7:49 PM  
Subject: DENY Dominion's application for an Early Site Permit

12-10-04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

It is my understanding that Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly and will raise water temperatures harming game fish.

Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Instead of diversifying into areas like sewer repair programs, see, e.g., <http://retail.dom.com/products/warranty/sewerline.jsp> Dominion Virginia Power should be using its resources to develop alternative energy sources.

Sincerely,

Ted Hochstadt  
1723 Olney Rd  
Falls Church, VA 22043-1121

SISP Review Complete  
Template - ADM-03

1404

ERIDS-ADM-03  
add J Cushing - JXC9  
A. Williamson - ARW1

RDB Rec'd  
3/9/05

(903)

From: <cindy18@adelphia.net>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Feb 25, 2005 8:33 PM  
 Subject: Oppose North Anna Nuclear Reactor

12-10-04  
69 FR 71854

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

In a time of increased terrorist threat, new nuclear power plants increase physical and economic risks to central Virginia residents, Dominion customers and shareholders, and nuclear industry employees. Al Qaeda is known to have considered nuclear power plants as a target for an attack. Terrorist threats and heightened Threat Advisory Levels (Orange and Red level) may lead to severe restrictions on public access to Lake Anna, which could impact local businesses dependent on public use of the lake. This has already happened at over a dozen lakes with nuclear plants around the country. Adding additional reactors to the North Anna facility could also increase its attractiveness as a terrorist target, increasing the frequency and likelihood of lake closures.

Safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application also doesn't consider what the effect might be on the cost of power in Virginia or nationally, or the need for new generating capacity. Virginia currently has a surplus of electrical generating capacity, so excess power will likely be sold outside the state rather than being used in-state to lower prices. Local residents will be forced to live with the risks of the nuclear plant without getting the benefits.

The history of nuclear power demonstrates that constructing nuclear reactors is expensive, with final costs often running billions of dollars over budget – costs that are often passed on to ratepayers. The first 75 reactors constructed in the U.S. had a combined cost overrun of over \$1.0 billion. The average reactor ran 400% over budget and was over 4 years late in start up. The last reactor in the U.S. to be completed, the Watts Bar plant in Tennessee, was finally opened in 1996, 23 years after it was first proposed. It cost \$8 billion.

SISP Review Complete  
Template: ADM-013

1405

ERIDS-ADM-03  
add J. Cushing - JXC9  
A. Williamson - ARW1

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

A major nuclear accident could leave an area the size of Pennsylvania uninhabitable for decades. The area around the Chernobyl nuclear plant, site of a major accident in 1986, is still closed to public access and radiation levels are still high. Cleanup costs for a major nuclear accident are estimated to be around \$500 billion, not including broader economic shockwaves. The nuclear industry's liability for such an accident is capped at around \$10 billion, leaving taxpayers with a \$490 billion bill, ratepayers with a bankrupt utility, and surviving residents without a home.

Nearly 3½ years after September 11th, 2001, legislation to improve security at nuclear plants has not been enacted, and security improvements by the nuclear industry have been shown to have significant gaps and flaws. Security guards are often ill-trained and ill-equipped. Mock assaults designed to test guards and keep them on their toes are often done in an unrealistic manner, with months of advanced warning, and with added security forces that are not normally present to defend against a real attack.

There is at this time no solution to the problem of nuclear waste, and constructing new reactors will only worsen that problem. The proposed Yucca Mountain repository in Nevada will not open until 2010 at the earliest, but even industry experts feel 2015 is a more realistic best-case scenario. That doesn't count the remaining scientific questions about the suitability of the site, and the half-dozen lawsuits currently pending – any of which could send the U.S. Department of Energy back to the drawing board. Even if the facility were to open as scheduled, it's not large enough to hold even the amount of waste expected to be generated by currently-operating plants. Waste from new plants will require a new repository. Meanwhile, all the highly-radioactive irradiated fuel from the plants will continue to be stored on-site.

Emergency plans for dealing with an accident or terrorist attack are inadequate, and rely on teachers, bus drivers, doctors, and other civilians to facilitate an evacuation, without taking into account the possibility of role abandonment. Studies of the Three Mile Island accident, which took place in 1979 in Pennsylvania, found that doctors and other key workers abandoned their posts up to 25 miles from the site to tend to their families or save themselves. In the case of a more severe accident, heroic actions would be required to successfully carry out an evacuation.

In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Cindy Carper  
145 Pembrige Drive

1406

Winchester, VA 22602

RDB Rec'd  
3-9-05 (904)

From: <dewk@cvalink.com>  
To: <northanna\_esp@nrc.gov>  
Date: Fri, Feb 25, 2005 8:24 PM  
Subject: DENY Dominion's application for an Early Site Permit

12-10-04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly and will raise water temperatures harming game fish.

Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

Dewey Keeton III  
12259 Shannon Hill Rd  
Louisa, VA 23093-3907

SISP Review Complete  
Template - ADM-013

1408

ERIOS-ADM-03  
add J. Cushing - JXC9  
A. Williamson - ARW1

ROB Rec'd  
3-9-05

905

From: <akshandor@verizon.net>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 8:28 PM  
Subject: Oppose North Anna Nuclear Reactor

12-10-04  
69 FR 71854

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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ER105-ADM03

add - J. Cushing - JXC9

A. Williamson - ARW1

S/SP Review Complete

Template - ADM-013

1409

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

A major nuclear accident could leave an area the size of Pennsylvania uninhabitable for decades. The area around the Chernobyl nuclear plant, site of a major accident in 1986, is still closed to public access and radiation levels are still high. Cleanup costs for a major nuclear accident are estimated to be around \$500 billion, not including broader economic shockwaves. The nuclear industry's liability for such an accident is capped at around \$10 billion, leaving taxpayers with a \$490 billion bill, ratepayers with a bankrupt utility, and surviving residents without a home.

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Andrea Shandor  
2041 Pelham Dr.

Roanoke, VA 24018

RDB Rec'd  
3-9-05

906

From: <katiebrazier@msn.com>  
To: <northanna\_esp@nrc.gov>  
Date: Fri, Feb 25, 2005 7:50 PM  
Subject: DENY Dominion's application for an Early Site Permit

12-10-04

69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly and will raise water temperatures harming game fish.

Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

Katie Brazier  
656 Counselors Way  
Williamsburg, VA 23185-4059

SISP Review Complete  
Yemplate - ADM 013

1412

ERIDS - ADM 03

Add

J. Cushing - JXC9

A. Williamson - ARW1

RDB Rec'd  
3-9-05

967

From: <cobrion@yahoo.com>  
To: <northanna\_esp@nrc.gov>  
Date: Fri, Feb 25, 2005 8:09 PM  
Subject: DENY Dominion's application for an Early Site Permit

12-10-04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Sincerely,

Dr. Catherine O'Brien  
2011 Carroll Dr  
Blacksburg, VA 24060-1804

SISP Review Complete  
Template-ADM-013

ERIS-ADM-03  
1413  
J. Cushing - JXC9  
Williamson - ARW1

RDB Rec'd  
3-9-05 (908)  
12-10-04  
69 FR 71854

From: <wjhil@aol.com>  
To: <northanna\_esp@nrc.gov>  
Date: Fri, Feb 25, 2005 8:07 PM  
Subject: DENY Dominion's application for an Early Site Permit

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

WALTER HILL  
3363 Oakwood Cir  
Petersburg, VA 23805-9335

SISP Review Complete  
Template ADM-013

ERIS-ADM-03  
1414 J. Lushung - JXC9  
Williamson - ARW1

RDB Rec'd  
3-9-05 (969)

From: <rmeier@omdirect.com>  
To: <northanna\_esp@nrc.gov>  
Date: Fri, Feb 25, 2005 7:59 PM  
Subject: DENY Dominion's application for an Early Site Permit

12-10-04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

rich meier  
4301 Mission Ct  
Alexandria, VA 22310-3353

SISP Review Complete  
Template: ADM-013

ERDS-ADM-03  
1415 : J. Cushing - JXC9  
A. Williamson - ARW1

RDB Rec'd  
3-9-05

910

From: <raddams@adelphia.net>  
To: <northanna\_esp@nrc.gov>  
Date: Fri, Feb 25, 2005 8:36 PM  
Subject: DENY Dominion's application for an Early Site Permit

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly and will raise water temperatures harming game fish.

Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

Roger Adams  
145 Pembridge Dr  
Winchester, VA 22602-6854

SISP Review Complete  
Template-ADM-013

1416

ERIS-ADM-03  
adel  
J. Cushing - JXC9  
a.williamson - ARW1

RDB Rec'd

3-9-05 (911)

From: <cindy18@adelphia.net>  
 To: <northanna\_esp@nrc.gov>  
 Date: Fri, Feb 25, 2005 8:37 PM  
 Subject: DENY Dominion's application for an Early Site Permit

12-10-04  
 69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Sincerely,

cindy Carper  
 145 Pembridge Dr  
 Winchester, VA 22602-6854

ERIDS - ADM-03

adef

1417

J. Cushing - JXC9  
 A. Williamson - ARW1

SISP Review Complete  
 Template - ADM-013

RDB Rec'd  
3-9-05

912

12-10-04

69 FR 71854

From: <johnwdavis@gmail.com>  
To: <northanna\_esp@nrc.gov>  
Date: Fri, Feb 25, 2005 8:52 PM  
Subject: DENY Dominion's application for an Early Site Permit

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Sincerely,

John Davis  
7704 Saratoga Ridge Ct  
Apt 302  
Springfield, VA 22153

ER105-ADM-03

adaf

J. Custing - JXC9

A. Williamson - ARW1

SISP Review Complete  
Template ADM-013

1418

RDB Rec'd  
3.9.05 (913)

From: <greenoel@firstva.com>  
To: <northanna\_esp@nrc.gov>  
Date: Fri, Feb 25, 2005 7:24 PM  
Subject: DENY Dominion's application for an Early Site Permit

12-10-04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Sincerely,

Jason J Green  
451 Pine Hill Dr  
Stanardsville, VA 22973-2073

SISP Review Complete  
Template-ADM-013

1419

ERIOS-ADM-03  
add J. Cushing - JXC9  
G. Williamson - ARW1

ROB Rec'd  
3-9-05

(914)

From: <klutjen@lootch.com>  
 To: <northanna\_esp@nrc.gov>  
 Date: Fri, Feb 25, 2005 7:18 PM  
 Subject: DENY Dominion's application for an Early Site Permit

12-49-04

69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Sincerely,

Kristy Lutjen  
 12859 Wishing Well Way  
 Bristow, VA 20136-2562

SISP Review Complete  
 Template: ADM-013

1420

ERIS-ADM-03  
 add of Cushing - JXC9  
 A. Williamson - ARW1

RDB Rec'd

3-9-05

(915)

From: <qboy6969@yahoo.com>  
 To: <northanna\_esp@nrc.gov>  
 Date: Fri, Feb 25, 2005 7:21 PM  
 Subject: DENY Dominion's application for an Early Site Permit

12-10-04

601 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

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Sincerely,

ROY MITCHELL  
 5680 Starkey Rd  
 Roanoke, VA 24014-5535

SISP Review Complete  
 Template: ADM-013

1421

ERIDS-ADM-03

J. Cushing - JXC9

A. Williamson - ARW1

RDB Rec'd  
3-9-05 (916)

From: <aquesin@hotmail.com>  
To: <northanna\_esp@nrc.gov>  
Date: Fri, Feb 25, 2005 7:29 PM  
Subject: DENY Dominion's application for an Early Site Permit

12-10-04  
69 FR 71854

Dear US Nuclear Regulatory Comm,

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. I urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly and will raise water temperatures harming game fish.

Additionally, safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application doesn't consider what the effect might be on the cost of power in Virginia, or the need for new generating capacity.

Sincerely,

Abigail Quesinberry  
820 Orchard Gap Rd  
Ararat, VA 24053-3592

SISP Review Complete  
Template-ADM-03

ERIDS-ADM-03  
adel J. Cushman - JXC9  
A. Williamson - ARW1

1422

From: <susiejane\_68@yahoo.com>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Feb 25, 2005 12:15 PM  
 Subject: Oppose North Anna Nuclear Reactor

RDB Rec'd  
 3-9-05

(917)

Dear Chief Lesar

12-10-04

69 FR 71854

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

In a time of increased terrorist threat, new nuclear power plants increase physical and economic risks to central Virginia residents, Dominion customers and shareholders, and nuclear industry employees. Al Qaeda is known to have considered nuclear power plants as a target for an attack. Terrorist threats and heightened Threat Advisory Levels (Orange and Red level) may lead to severe restrictions on public access to Lake Anna, which could impact local businesses dependent on public use of the lake. This has already happened at over a dozen lakes with nuclear plants around the country. Adding additional reactors to the North Anna facility could also increase its attractiveness as a terrorist target, increasing the frequency and likelihood of lake closures.

Safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application also doesn't consider what the effect might be on the cost of power in Virginia or nationally, or the need for new generating capacity. Virginia currently has a surplus of electrical generating capacity, so excess power will likely be sold outside the state rather than being used in-state to lower prices. Local residents will be forced to live with the risks of the nuclear plant without getting the benefits.

The history of nuclear power demonstrates that constructing nuclear reactors is expensive, with final costs often running billions of dollars over budget – costs that are often passed on to ratepayers. The first 75 reactors constructed in the U.S. had a combined cost overrun of over \$100 billion. The average reactor ran 400% over budget and was over 4 years late in start up. The last reactor in the U.S. to be completed, the Watts Bar plant in Tennessee, was finally opened in 1996, 23 years after it was first proposed. It cost \$8 billion.

SISP Review Complete  
 Template - ADM-013

1423

ERIDS-ADM-03  
 add J. Cushing - JXC9  
 G. Williamson - ARW1

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

A major nuclear accident could leave an area the size of Pennsylvania uninhabitable for decades. The area around the Chernobyl nuclear plant, site of a major accident in 1986, is still closed to public access and radiation levels are still high. Cleanup costs for a major nuclear accident are estimated to be around \$500 billion, not including broader economic shockwaves. The nuclear industry's liability for such an accident is capped at around \$10 billion, leaving taxpayers with a \$490 billion bill, ratepayers with a bankrupt utility, and surviving residents without a home.

Nearly 3½ years after September 11th, 2001, legislation to improve security at nuclear plants has not been enacted, and security improvements by the nuclear industry have been shown to have significant gaps and flaws. Security guards are often ill-trained and ill-equipped. Mock assaults designed to test guards and keep them on their toes are often done in an unrealistic manner, with months of advanced warning, and with added security forces that are not normally present to defend against a real attack.

There is at this time no solution to the problem of nuclear waste, and constructing new reactors will only worsen that problem. The proposed Yucca Mountain repository in Nevada will not open until 2010 at the earliest, but even industry experts feel 2015 is a more realistic best-case scenario. That doesn't count the remaining scientific questions about the suitability of the site, and the half-dozen lawsuits currently pending – any of which could send the U.S. Department of Energy back to the drawing board. Even if the facility were to open as scheduled, it's not large enough to hold even the amount of waste expected to be generated by currently-operating plants. Waste from new plants will require a new repository. Meanwhile, all the highly-radioactive irradiated fuel from the plants will continue to be stored on-site.

Emergency plans for dealing with an accident or terrorist attack are inadequate, and rely on teachers, bus drivers, doctors, and other civilians to facilitate an evacuation, without taking into account the possibility of role abandonment. Studies of the Three Mile Island accident, which took place in 1979 in Pennsylvania, found that doctors and other key workers abandoned their posts up to 25 miles from the site to tend to their families or save themselves. In the case of a more severe accident, heroic actions would be required to successfully carry out an evacuation.

In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Susan Wilson  
P.O. Box 468

154 Branch Road  
Saluda, VA 23149

RDB Rec'd  
3-9-05

(918)

From: <pat@swva.net>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Feb 25, 2005 11:47 AM  
 Subject: Oppose North Anna Nuclear Reactor

Dear Chief Lesar

12/10/04  
69 FR 71854

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

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ERIS-ADM-03

add J. Cushing - JXC9  
G. Williams - ARW1SISP Review Complete 1426  
Template ADM-013

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Pat Therrien  
1398 Cox Store Road, SW

Floyd, VA 24091

From: "Robert Rutkowski" <r\_e\_rutkowski@hotmail.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 11:45 AM  
Subject: Early Site Permit (ESP)

RDB Rec'd  
3/9/05  
919

Chief, Rules and Directives Branch  
Division of Administrative Services  
Office of Administration  
Mailstop T-6D59  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001  
NorthAnna\_ESP@nrc.gov

12/10/04  
69 FR 71854

Ref: Early Site Permit (ESP)

To Whom It May Concern:

I am writing to OPPOSE granting an Early Site Permit (ESP) to Dominion Resources to build two new reactors at the North Anna nuclear plant in Mineral, VA. The draft Environmental Impact Statement states that construction activities permissible under the ESP may stir up heavy metals and other contaminants in the lake sediment, while details about mitigation measures are murky. Further, other effects on the lake, such as temperature increases and reduced water levels, are not fully analyzed. Finally, questions about the adequacy of current security regulations and performance are ignored, as are issues of waste generation and its safe, permanent isolation.

Too many questions remain unanswered and too many problems remain unsolved for the NRC to grant an ESP.

Thank you for the opportunity to bring these remarks to your attention at this critical time.

Mindful of the enormous responsibilities which stand before you, I am,

Yours sincerely,  
Robert E. Rutkowski

cc:  
Nancy Pelosi  
George Bush

2527 Faxon Court  
Topeka, Kansas 66605-2086  
P/F: 1 785 379-9671  
r\_e\_rutkowski@myrealbox.com

CC: <president@whitehouse.gov>, <sf.nancy@mail.house.gov>

ERIDS-Adm-03  
add J. Cushing - JXC9

SISP Review Complete  
Template - Adm-013

1429

A. Williamson - ARW1

RDB Rec'd  
3-9-04

920

From: <nelliewat@earthlink.net>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 11:37 AM  
Subject: Oppose North Anna Nuclear Reactor

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12-10-04  
69 FR 71854

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

In a time of increased terrorist threat, new nuclear power plants increase physical and economic risks to central Virginia residents, Dominion customers and shareholders, and nuclear industry employees. Al Qaeda is known to have considered nuclear power plants as a target for an attack. Terrorist threats and heightened Threat Advisory Levels (Orange and Red level) may lead to severe restrictions on public access to Lake Anna, which could impact local businesses dependent on public use of the lake. This has already happened at over a dozen lakes with nuclear plants around the country. Adding additional reactors to the North Anna facility could also increase its attractiveness as a terrorist target, increasing the frequency and likelihood of lake closures.

Safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application also doesn't consider what the effect might be on the cost of power in Virginia or nationally, or the need for new generating capacity. Virginia currently has a surplus of electrical generating capacity, so excess power will likely be sold outside the state rather than being used in-state to lower prices. Local residents will be forced to live with the risks of the nuclear plant without getting the benefits.

The history of nuclear power demonstrates that constructing nuclear reactors is expensive, with final costs often running billions of dollars over budget - costs that are often passed on to ratepayers. The first 75 reactors constructed in the U.S. had a combined cost overrun of over \$100 billion. The average reactor ran 400% over budget and was over 4 years late in start up. The last reactor in the U.S. to be completed, the Watts Bar plant in Tennessee, was finally opened in 1996, 23 years after it was first proposed. It cost \$8 billion.

ER105-ADM-03

SISP Review Complete  
Template-ADM-013

1430

add J. Cushing - JXC9  
A. Williamson - ARW1

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A major nuclear accident could leave an area the size of Pennsylvania uninhabitable for decades. The area around the Chernobyl nuclear plant, site of a major accident in 1986, is still closed to public access and radiation levels are still high. Cleanup costs for a major nuclear accident are estimated to be around \$500 billion, not including broader economic shockwaves. The nuclear industry's liability for such an accident is capped at around \$10 billion, leaving taxpayers with a \$490 billion bill, ratepayers with a bankrupt utility, and surviving residents without a home.

Nearly 3½ years after September 11th, 2001, legislation to improve security at nuclear plants has not been enacted, and security improvements by the nuclear industry have been shown to have significant gaps and flaws. Security guards are often ill-trained and ill-equipped. Mock assaults designed to test guards and keep them on their toes are often done in an unrealistic manner, with months of advanced warning, and with added security forces that are not normally present to defend against a real attack.

There is at this time no solution to the problem of nuclear waste, and constructing new reactors will only worsen that problem. The proposed Yucca Mountain repository in Nevada will not open until 2010 at the earliest, but even industry experts feel 2015 is a more realistic best-case scenario. That doesn't count the remaining scientific questions about the suitability of the site, and the half-dozen lawsuits currently pending – any of which could send the U.S. Department of Energy back to the drawing board. Even if the facility were to open as scheduled, it's not large enough to hold even the amount of waste expected to be generated by currently-operating plants. Waste from new plants will require a new repository. Meanwhile, all the highly-radioactive irradiated fuel from the plants will continue to be stored on-site.

Emergency plans for dealing with an accident or terrorist attack are inadequate, and rely on teachers, bus drivers, doctors, and other civilians to facilitate an evacuation, without taking into account the possibility of role abandonment. Studies of the Three Mile Island accident, which took place in 1979 in Pennsylvania, found that doctors and other key workers abandoned their posts up to 25 miles from the site to tend to their families or save themselves. In the case of a more severe accident, heroic actions would be required to successfully carry out an evacuation.

In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Nell Carr-Young  
5641 Lowland Lane

Roanoke, VA 24018

RDB Rec'd  
3/9/05 (921)

From: <raddams@adelphia.net>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 11:10 AM  
Subject: Oppose North Anna Nuclear Reactor

12/10/04  
69 FR 71854

Dear Chief Lesar

I request that you register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

In a time of increased terrorist threat, new nuclear power plants increase physical and economic risks to central Virginia residents, Dominion customers and shareholders, and nuclear industry employees. Al Qaeda is known to have considered nuclear power plants as a target for an attack. Terrorist threats and heightened Threat Advisory Levels (Orange and Red level) may lead to severe restrictions on public access to Lake Anna, which could impact local businesses dependent on public use of the lake. This has already happened at over a dozen lakes with nuclear plants around the country. Adding additional reactors to the North Anna facility could also increase its attractiveness as a terrorist target, increasing the frequency and likelihood of lake closures.

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SISP Review Complete 1433  
Template - ADM-013

ERIDS-ADM-03  
add J. Cushing - JXC9  
A. Williamson - AAW1

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

A major nuclear accident could leave an area the size of Pennsylvania uninhabitable for decades. The area around the Chernobyl nuclear plant, site of a major accident in 1986, is still closed to public access and radiation levels are still high. Cleanup costs for a major nuclear accident are estimated to be around \$500 billion, not including broader economic shockwaves. The nuclear industry's liability for such an accident is capped at around \$10 billion, leaving taxpayers with a \$490 billion bill, ratepayers with a bankrupt utility, and surviving residents without a home.

Nearly 3½ years after September 11th, 2001, legislation to improve security at nuclear plants has not been enacted, and security improvements by the nuclear industry have been shown to have significant gaps and flaws. Security guards are often ill-trained and ill-equipped. Mock assaults designed to test guards and keep them on their toes are often done in an unrealistic manner, with months of advanced warning, and with added security forces that are not normally present to defend against a real attack.

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Roger Adams

1434

145 Pembridge Drive  
Winchester, VA 22602

RDB Rec'd  
3/19/05

From: <jhunt9@netzero.net>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Feb 25, 2005 11:08 AM  
 Subject: Oppose North Anna Nuclear Reactor

(922)

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04  
69 FR 71854

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SISP Review Complete 1436  
 Yemplate-ADM-013

ERIS-ADM-03  
 add J. Cushing - JXC9  
 A. Williamson - ARW1

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Janet Hunt  
5235 Charles City Rd

---

1437

Richmond, VA 23231

**From:** <ignaciopessoa@hotmail.com>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Fri, Feb 25, 2005 11:30 AM  
**Subject:** Oppose North Anna Nuclear Reactor

ROB Rec'd  
 3/19/05  
 (923)

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04  
 69 FR 71854

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Safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application also doesn't consider what the effect might be on the cost of power in Virginia or nationally, or the need for new generating capacity. Virginia currently has a surplus of electrical generating capacity, so excess power will likely be sold outside the state rather than being used in-state to lower prices. Local residents will be forced to live with the risks of the nuclear plant without getting the benefits.

The history of nuclear power demonstrates that constructing nuclear reactors is expensive, with final costs often running billions of dollars over budget – costs that are often passed on to ratepayers. The first 75 reactors constructed in the U.S. had a combined cost overrun of over \$100 billion. The average reactor ran 400% over budget and was over 4 years late in start up. The last reactor in the U.S. to be completed, the Watts Bar plant in Tennessee, was finally opened in 1996, 23 years after it was first proposed. It cost \$8 billion.

SISP Review Complete  
 Template - ADM-013

1439

ERIOS-Adm-03  
 addg Cushing - JXC9  
 A. Williamson - ARW1

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

A major nuclear accident could leave an area the size of Pennsylvania uninhabitable for decades. The area around the Chernobyl nuclear plant, site of a major accident in 1986, is still closed to public access and radiation levels are still high. Cleanup costs for a major nuclear accident are estimated to be around \$500 billion, not including broader economic shockwaves. The nuclear industry's liability for such an accident is capped at around \$10 billion, leaving taxpayers with a \$490 billion bill, ratepayers with a bankrupt utility, and surviving residents without a home.

Nearly 3½ years after September 11th, 2001, legislation to improve security at nuclear plants has not been enacted, and security improvements by the nuclear industry have been shown to have significant gaps and flaws. Security guards are often ill-trained and ill-equipped. Mock assaults designed to test guards and keep them on their toes are often done in an unrealistic manner, with months of advanced warning, and with added security forces that are not normally present to defend against a real attack.

There is at this time no solution to the problem of nuclear waste, and constructing new reactors will only worsen that problem. The proposed Yucca Mountain repository in Nevada will not open until 2010 at the earliest, but even industry experts feel 2015 is a more realistic best-case scenario. That doesn't count the remaining scientific questions about the suitability of the site, and the half-dozen lawsuits currently pending – any of which could send the U.S. Department of Energy back to the drawing board. Even if the facility were to open as scheduled, it's not large enough to hold even the amount of waste expected to be generated by currently-operating plants. Waste from new plants will require a new repository. Meanwhile, all the highly-radioactive irradiated fuel from the plants will continue to be stored on-site.

Emergency plans for dealing with an accident or terrorist attack are inadequate, and rely on teachers, bus drivers, doctors, and other civilians to facilitate an evacuation, without taking into account the possibility of role abandonment. Studies of the Three Mile Island accident, which took place in 1979 in Pennsylvania, found that doctors and other key workers abandoned their posts up to 25 miles from the site to tend to their families or save themselves. In the case of a more severe accident, heroic actions would be required to successfully carry out an evacuation.

In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Ignacio Pessoa

618 South Pitt Street  
Alexandria, VA 22314

ADB Rec'd  
3/19/05

(924)

**From:** <jetjane1@juno.com>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Fri, Feb 25, 2005 11:04 AM  
**Subject:** Oppose North Anna Nuclear Reactor

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

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Safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application also doesn't consider what the effect might be on the cost of power in Virginia or nationally, or the need for new generating capacity. Virginia currently has a surplus of electrical generating capacity, so excess power will likely be sold outside the state rather than being used in-state to lower prices. Local residents will be forced to live with the risks of the nuclear plant without getting the benefits.

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12/10/04

69 FR 71854

SISP Review Complete  
 Template ADM-013

1442

ERIS-ADM.03  
 add G. Cushing - JXC9  
 A. Williamson - ARW1

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

A major nuclear accident could leave an area the size of Pennsylvania uninhabitable for decades. The area around the Chernobyl nuclear plant, site of a major accident in 1986, is still closed to public access and radiation levels are still high. Cleanup costs for a major nuclear accident are estimated to be around \$500 billion, not including broader economic shockwaves. The nuclear industry's liability for such an accident is capped at around \$10 billion, leaving taxpayers with a \$490 billion bill, ratepayers with a bankrupt utility, and surviving residents without a home.

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Emergency plans for dealing with an accident or terrorist attack are inadequate, and rely on teachers, bus drivers, doctors, and other civilians to facilitate an evacuation, without taking into account the possibility of role abandonment. Studies of the Three Mile Island accident, which took place in 1979 in Pennsylvania, found that doctors and other key workers abandoned their posts up to 25 miles from the site to tend to their families or save themselves. In the case of a more severe accident, heroic actions would be required to successfully carry out an evacuation.

In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Jane Simpson  
7605 Wildwood Court

#B-G  
Lorton, VA 22079-1874

From: <welshcm@msn.com>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Feb 25, 2005 10:54 AM  
 Subject: Oppose North Anna Nuclear Reactor

RDB Rec'd

3/9/05

(925)

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia.

Among my concerns are:

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

12/10/04

69 FR 71854

In a time of increased terrorist threat, new nuclear power plants increase physical and economic risks to central Virginia residents, Dominion customers and shareholders, and nuclear industry employees. Al Qaeda is known to have considered nuclear power plants as a target for an attack. Terrorist threats and heightened Threat Advisory Levels (Orange and Red level) may lead to severe restrictions on public access to Lake Anna, which could impact local businesses dependent on public use of the lake. This has already happened at over a dozen lakes with nuclear plants around the country. Adding additional reactors to the North Anna facility could also increase its attractiveness as a terrorist target, increasing the frequency and likelihood of lake closures.

Virginia currently has a surplus of electrical generating capacity, so excess power will likely be sold outside the state rather than being used in-state to lower prices. Local residents will be forced to live with the risks of the nuclear plant without getting the benefits.

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SISP Review Complete  
 Template ADM-013

1445

ERIOS-ADM-03  
 add g. Cushing -JXC9  
 A. Williamson ARW1

bill, ratepayers with a bankrupt utility, and surviving residents without a home.

Nearly 3½ years after September 11th, 2001, legislation to improve security at nuclear plants has not been enacted, and security improvements by the nuclear industry have been shown to have significant gaps and flaws. Security guards are often ill-trained and ill-equipped. Mock assaults designed to test guards and keep them on their toes are often done in an unrealistic manner, with months of advanced warning, and with added security forces that are not normally present to defend against a real attack.

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Catherine Welsh  
3610 S. Belmont Rd.  
Richmond, VA 23234

From: "Eileen Chieco" <ekchieco@netzero.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 10:53 AM  
Subject: public safety at risk

RDB Rec'd

3/9/05

926

Chief, Rules and Directives Branch  
Division of Administrative Services  
Office of Administration  
Mailstop T-6D59  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001  
To Whom It May Concern:

12-10-04

69 FR 71854

As the parents of two daughters living in Virginia, we are writing to OPPOSE granting an Early Site Permit (ESP) to Dominion Resources to build two new reactors at the North Anna nuclear plant in Mineral, VA. The draft Environmental Impact Statement states that construction activities permissible under the ESP may stir up heavy metals and other contaminants in the lake sediment, while details about mitigation measures are murky. Further, other effects on the lake, such as temperature increases and reduced water levels, are not fully analyzed. Finally, questions about the adequacy of current security regulations and performance are ignored, as are issues of waste generation and its safe, permanent isolation.

Too many questions remain unanswered and too many problems remain unsolved for the NRC to grant an ESP.

Sincerely,  
Eileen and Victor Chieco  
25 West Lane, South Salem, NY 10590

ERIDS-ADM-03

add J. Cushing - JXC9

R. Williamson - ARW1

SISP Review Complete  
Y template - ADM-013

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RDB Recd  
3/9/05

(927)

**From:** "Roger Santerre" <rsanterre@hvc.rr.com>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Fri, Feb 25, 2005 10:47 AM  
**Subject:** North Anna power

Chief, Rules and Directives Branch  
Division of Administrative Services  
Office of Administration  
Mailstop T-6D59  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

12/10/04  
69 FR 71854

Either way, get them in by Tuesday, March 1! Sample comments:

To Whom It May Concern:

I am writing to OPPOSE granting an Early Site Permit (ESP) to Dominion Resources to build two new reactors at the North Anna nuclear plant in Mineral, VA. The draft Environmental Impact Statement states that construction activities permissible under the ESP may stir up heavy metals and other contaminants in the lake sediment, while details about mitigation measures are murky. Further, other effects on the lake, such as temperature increases and reduced water levels, are not fully analyzed. Finally, questions about the adequacy of current security regulations and performance are ignored, as are issues of waste generation and its safe, permanent isolation.

Too many questions remain unanswered and too many problems remain unsolved for the NRC to grant an ESP.

Sincerely,  
Roger P Santerre  
10 Canaan Rd.  
New Paltz, NY 12561-2804

SISP Review Complete  
Yemplate-ADM-013

ERIOS-ADM-03  
add g Cushing - JXC9  
1448 Williamson - ARW1

From: <kiritm@aol.com>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Feb 25, 2005 10:33 AM  
 Subject: Oppose North Anna Nuclear Reactor

KDB Rec'd  
 3/9/05

(928)

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04  
 69FR 71854

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

In a time of increased terrorist threat, new nuclear power plants increase physical and economic risks to central Virginia residents, Dominion customers and shareholders, and nuclear industry employees. Al Qaeda is known to have considered nuclear power plants as a target for an attack. Terrorist threats and heightened Threat Advisory Levels (Orange and Red level) may lead to severe restrictions on public access to Lake Anna, which could impact local businesses dependent on public use of the lake. This has already happened at over a dozen lakes with nuclear plants around the country. Adding additional reactors to the North Anna facility could also increase its attractiveness as a terrorist target, increasing the frequency and likelihood of lake closures.

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The history of nuclear power demonstrates that constructing nuclear reactors is expensive, with final costs often running billions of dollars over budget – costs that are often passed on to ratepayers. The first 75 reactors constructed in the U.S. had a combined cost overrun of over \$100 billion. The average reactor ran 400% over budget and was over 4 years late in start up. The last reactor in the U.S. to be completed, the Watts Bar plant in Tennessee, was finally opened in 1996, 23 years after it was first proposed. It cost \$8 billion.

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addg. Cushing - JXC9  
 A. Williamson - ARW1

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

A major nuclear accident could leave an area the size of Pennsylvania uninhabitable for decades. The area around the Chernobyl nuclear plant, site of a major accident in 1986, is still closed to public access and radiation levels are still high. Cleanup costs for a major nuclear accident are estimated to be around \$500 billion, not including broader economic shockwaves. The nuclear industry's liability for such an accident is capped at around \$10 billion, leaving taxpayers with a \$490 billion bill, ratepayers with a bankrupt utility, and surviving residents without a home.

Nearly 3½ years after September 11th, 2001, legislation to improve security at nuclear plants has not been enacted, and security improvements by the nuclear industry have been shown to have significant gaps and flaws. Security guards are often ill-trained and ill-equipped. Mock assaults designed to test guards and keep them on their toes are often done in an unrealistic manner, with months of advanced warning, and with added security forces that are not normally present to defend against a real attack.

There is at this time no solution to the problem of nuclear waste, and constructing new reactors will only worsen that problem. The proposed Yucca Mountain repository in Nevada will not open until 2010 at the earliest, but even industry experts feel 2015 is a more realistic best-case scenario. That doesn't count the remaining scientific questions about the suitability of the site, and the half-dozen lawsuits currently pending – any of which could send the U.S. Department of Energy back to the drawing board. Even if the facility were to open as scheduled, it's not large enough to hold even the amount of waste expected to be generated by currently-operating plants. Waste from new plants will require a new repository. Meanwhile, all the highly-radioactive irradiated fuel from the plants will continue to be stored on-site.

Emergency plans for dealing with an accident or terrorist attack are inadequate, and rely on teachers, bus drivers, doctors, and other civilians to facilitate an evacuation, without taking into account the possibility of role abandonment. Studies of the Three Mile Island accident, which took place in 1979 in Pennsylvania, found that doctors and other key workers abandoned their posts up to 25 miles from the site to tend to their families or save themselves. In the case of a more severe accident, heroic actions would be required to successfully carry out an evacuation.

In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Kirit Mehta  
11505 Continental Forest Dr

Disputanta, VA 23842

RDB Recd  
3/9/05

From: <peter.buck@eds.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 10:30 AM  
Subject: Oppose North Anna Nuclear Reactor

(929)

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04  
69 FR 71854

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

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Safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application also doesn't consider what the effect might be on the cost of power in Virginia or nationally, or the need for new generating capacity. Virginia currently has a surplus of electrical generating capacity, so excess power will likely be sold outside the state rather than being used in-state to lower prices. Local residents will be forced to live with the risks of the nuclear plant without getting the benefits.

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SISP Review Complete  
Template- ADM.013

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add J. Cushing - JXC9  
A. Williamson - AR61

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

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Nearly 3½ years after September 11th, 2001, legislation to improve security at nuclear plants has not been enacted, and security improvements by the nuclear industry have been shown to have significant gaps and flaws. Security guards are often ill-trained and ill-equipped. Mock assaults designed to test guards and keep them on their toes are often done in an unrealistic manner, with months of advanced warning, and with added security forces that are not normally present to defend against a real attack.

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Peter Buck  
4901 Pole Rd

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1453

Alexandria, VA 22309

RDB Recd  
3/9/05

930

From: Jim Eldon <eldon@afes.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 10:23 AM  
Subject: Re: New reactors at the North Anna plant

To Whom It May Concern:

I am writing to urge you to OPPOSE granting an Early Site Permit (ESP) to Dominion Resources to build two new reactors at the North Anna nuclear plant in Mineral, VA.

The draft Environmental Impact Statement states that construction activities permissible under the ESP may stir up heavy metals and other contaminants in the lake sediment, while details about mitigation measures are murky. Further, other effects on the lake, such as temperature increases and reduced water levels, are not fully analyzed. Finally, questions about the adequacy of current security regulations and performance are ignored, as are issues of waste generation and its safe, permanent isolation.

Too many questions remain unanswered and too many problems remain unsolved for the NRC to grant an ESP.

Sincerely,

Jim Eldon  
18265 County Road 70  
Brooks, CA 95606  
530-796-3437  
eldon@afes.com

12/10/04  
69 FR 71854

ER105-ADM-03  
add J Cushing - JXC9  
A. Williamson - ARW1

JIS Review Complete  
Template- ADM-013

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RDB Rec'd  
3/9/04  
(931)

From: <joe@buckcreeknursery.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 10:10 AM  
Subject: Oppose North Anna Nuclear Reactor

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia.

12/10/04  
69 FR 71854

I was in college at an Penn State branch campus of Mont Alto(50 air miles from TMI)I know how everyone reacted--scared. Parents came to move their children from school and milk was not available for days.

Now they ask to build more reactors and they still have not built a permanent burial site. Where have they been since TMI, not one new reactor has been built, but this industry has not address the long term problem they leave behind.

Stop thinking of shrt term profits, and be responsible to our children, your grandchildren, let us not leave a mess behind.

At the North Anna site it is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

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Safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application also doesn't consider what the effect might be on the cost of

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SISP Review Complete  
4-emplote ADM-013

1456

add J Cushing -JXC9  
A. Williamson -ARW

power in Virginia or nationally, or the need for new generating capacity. Virginia currently has a surplus of electrical generating capacity, so excess power will likely be sold outside the state rather than being used in-state to lower prices. Local residents will be forced to live with the risks of the nuclear plant without getting the benefits.

The history of nuclear power demonstrates that constructing nuclear reactors is expensive, with final costs often running billions of dollars over budget – costs that are often passed on to ratepayers. The first 75 reactors constructed in the U.S. had a combined cost overrun of over \$100 billion. The average reactor ran 400% over budget and was over 4 years late in start up. The last reactor in the U.S. to be completed, the Watts Bar plant in Tennessee, was finally opened in 1996, 23 years after it was first proposed. It cost \$8 billion.

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

A major nuclear accident could leave an area the size of Pennsylvania uninhabitable for decades. The area around the Chernobyl nuclear plant, site of a major accident in 1986, is still closed to public access and radiation levels are still high. Cleanup costs for a major nuclear accident are estimated to be around \$500 billion, not including broader economic shockwaves. The nuclear industry's liability for such an accident is capped at around \$10 billion, leaving taxpayers with a \$490 billion bill, ratepayers with a bankrupt utility, and surviving residents without a home.

Nearly 3½ years after September 11th, 2001, legislation to improve security at nuclear plants has not been enacted, and security improvements by the nuclear industry have been shown to have significant gaps and flaws. Security guards are often ill-trained and ill-equipped. Mock assaults designed to test guards and keep them on their toes are often done in an unrealistic manner, with months of advanced warning, and with added security forces that are not normally present to defend against a real attack.

There is at this time no solution to the problem of nuclear waste, and constructing new reactors will only worsen that problem. The proposed Yucca Mountain repository in Nevada will not open until 2010 at the earliest, but even industry experts feel 2015 is a more realistic best-case scenario. That doesn't count the remaining scientific questions about the suitability of the site, and the half-dozen lawsuits currently pending – any of which could send the U.S. Department of Energy back to the drawing board. Even if the facility were to open as scheduled, it's not large enough to hold even the amount of waste expected to be generated by currently-operating plants. Waste from new plants will require a new repository. Meanwhile, all the highly-radioactive irradiated fuel from the plants will continue to be stored on-site.

Emergency plans for dealing with an accident or terrorist attack are inadequate, and rely on teachers, bus drivers, doctors, and other civilians to facilitate an evacuation, without taking into account the possibility of role abandonment. Studies of the Three Mile Island

accident, which took place in 1979 in Pennsylvania, found that doctors and other key workers abandoned their posts up to 25 miles from the site to tend to their families or save themselves. In the case of a more severe accident, heroic actions would be required to successfully carry out an evacuation.

In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Joseph Edwards  
1232 High Peak LN  
Shipman, VA 22971

RDB Rec'd  
3/9/05

**From:** "Joetta Venneman" <jvenneman@www.scnazarethky.org>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Fri, Feb 25, 2005 9:56 AM  
**Subject:** Early Site Permit

932

Chief, Rules and Directives Branch  
Division of Administrative Services  
Office of Administration  
Mailstop T-6D59  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

12/10/04  
69 FR 71854

To Whom It May Concern:

I am writing to OPPOSE granting an Early Site Permit (ESP) to Dominion Resources to build two new reactors at the North Anna nuclear plant in Mineral, VA. The draft Environmental Impact Statement states that construction activities permissible under the ESP may stir up heavy metals and other contaminants in the lake sediment, while details about mitigation measures are murky. Further, other effects on the lake, such as temperature increases and reduced water levels, are not fully analyzed. Finally, questions about the adequacy of current security regulations and performance are ignored, as are issues of waste generation and its safe, permanent isolation.

Too many questions remain unanswered and too many problems remain unsolved for the NRC to grant an ESP.

Sincerely,

Joetta Venneman, PBVM  
SCN Office of Global Ministries  
PO Box 172  
Nazareth, KY 40048

SISP Review Complete  
Template ADM-03

ERIS-ADM-03  
add J. Cushing - JXC9  
Williamson - ARW1  
1459

RDB Rec'd  
3/9/05

933

**From:** "Cathy Marciniak" <c\_marciniak@conknet.com>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Fri, Feb 25, 2005 9:53 AM  
**Subject:** We OPPOSE granting an Early Site Permit (ESP) to Dominion

To Whom It May Concern:

I am writing to OPPOSE granting an Early Site Permit (ESP) to Dominion Resources to build two new reactors at the North Anna nuclear plant in Mineral, VA. The draft Environmental Impact Statement states that construction activities permissible under the ESP may stir up heavy metals and other contaminants in the lake sediment, while details about mitigation measures are murky. Further, other effects on the lake, such as temperature increases and reduced water levels, are not fully analyzed. Finally, questions about the adequacy of current security regulations and performance are ignored, as are issues of waste generation and its safe, permanent isolation.

12/10/04  
69 FR 71854

Too many questions remain unanswered and too many problems remain unsolved for the NRC to grant an ESP.

Sincerely,  
Peter & Catherine Marciniak  
356 Stowe Mt Rd  
Hillsboro, NH 03244

SISP Review Complete  
Template - ADM-013

ERIS-ADM-03  
add J. Cushing - JXC9  
1460 Williamson - ARW1

RDB Rec'd  
3/19/05

From: <jonmcmillan@hotmail.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 9:52 AM  
Subject: Oppose North Anna Nuclear Reactor

934

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04  
69 FR 71854

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

In a time of increased terrorist threat, new nuclear power plants increase physical and economic risks to central Virginia residents, Dominion customers and shareholders, and nuclear industry employees. Al Qaeda is known to have considered nuclear power plants as a target for an attack. Terrorist threats and heightened Threat Advisory Levels (Orange and Red level) may lead to severe restrictions on public access to Lake Anna, which could impact local businesses dependent on public use of the lake. This has already happened at over a dozen lakes with nuclear plants around the country. Adding additional reactors to the North Anna facility could also increase its attractiveness as a terrorist target, increasing the frequency and likelihood of lake closures.

Safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application also doesn't consider what the effect might be on the cost of power in Virginia or nationally, or the need for new generating capacity. Virginia currently has a surplus of electrical generating capacity, so excess power will likely be sold outside the state rather than being used in-state to lower prices. Local residents will be forced to live with the risks of the nuclear plant without getting the benefits.

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SISP Review Complete  
Template Adm.013

1461

ERIDS-Adm-03  
add J. Cushing - JXC9  
A. Williamson - ARW1

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Jon McMillan  
216 Orchard Lane

Harrisonburg, VA 22801

From: "tim wampler" <minoc@hotmail.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 9:47 AM  
Subject: DENY Dominion Resources permit

RDB Rec'd  
3/9/05  
935

Chief, Rules and Directives Branch  
Division of Administrative Services  
Office of Administration  
Mailstop T-6D59  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

12/10/04  
69 FR 71854

To Whom It May Concern:

I am writing to OPPOSE granting an Early Site Permit (ESP) to Dominion Resources to build two new reactors at the North Anna nuclear plant in Mineral, VA. The draft Environmental Impact Statement states that construction activities permissible under the ESP may stir up heavy metals and other contaminants in the lake sediment, while details about mitigation measures are murky. Further, other effects on the lake, such as temperature increases and reduced water levels, are not fully analyzed. Finally, questions about the adequacy of current security regulations and performance are ignored, as are issues of waste generation and its safe, permanent isolation.

Too many questions remain unanswered and too many problems remain unsolved for the NRC to grant an ESP.

Sincerely,

Timothy D. Wampler  
Indianapolis, IN

ERIS-Adm-03  
add J. Cushing - JXC9  
A. Williamson - ARW1

1464

SISP Review Complete  
Template-Adm-013

From: <sulowell@earthlink.net>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Feb 25, 2005 9:43 AM  
 Subject: Oppose North Anna Nuclear Reactor

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

In a time of increased terrorist threat, new nuclear power plants increase physical and economic risks to central Virginia residents, Dominion customers and shareholders, and nuclear industry employees. Al Qaeda is known to have considered nuclear power plants as a target for an attack. Terrorist threats and heightened Threat Advisory Levels (Orange and Red level) may lead to severe restrictions on public access to Lake Anna, which could impact local businesses dependent on public use of the lake. This has already happened at over a dozen lakes with nuclear plants around the country. Adding additional reactors to the North Anna facility could also increase its attractiveness as a terrorist target, increasing the frequency and likelihood of lake closures.

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RDB Rec'd

3/9/05

(936)

12/10/04

69 FR 71854

SISP Review Complete  
 Template - ADM-013

1465

ERIDS-ADM-03  
 add of Cushing - JXC9  
 A. Williamson - ARW1

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

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There is at this time no solution to the problem of nuclear waste, and constructing new reactors will only worsen that problem. The proposed Yucca Mountain repository in Nevada will not open until 2010 at the earliest, but even industry experts feel 2015 is a more realistic best-case scenario. That doesn't count the remaining scientific questions about the suitability of the site, and the half-dozen lawsuits currently pending – any of which could send the U.S. Department of Energy back to the drawing board. Even if the facility were to open as scheduled, it's not large enough to hold even the amount of waste expected to be generated by currently-operating plants. Waste from new plants will require a new repository. Meanwhile, all the highly-radioactive irradiated fuel from the plants will continue to be stored on-site.

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Suzanne Tarr  
702 West 49th Street

Richmond, VA 23225

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**1467**

RDB Recd

3/9/05

937

From: <pamela.irwin@sierraclub.org>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 5:48 PM  
Subject: Oppose North Anna Nuclear Reactor

12/10/04

69 FR 71854

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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SISP Review Complete  
Template - ADM.013

1468

ER105-ADM-03  
add J. Cushing - JXC9  
A. Williamson - AR61

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Pamela Irwin  
3436 Parkwood Ave.

Richmond, VA 23221

---

**1470**

From: <mnewton1@cox.net>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Feb 25, 2005 5:26 PM  
 Subject: Oppose North Anna Nuclear Reactor

RDB Read

3/9/05

(938)

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04

69 FR 71854

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SISP Review Complete  
 Template ADM 013

1471

ERIS-ADM-03  
 add J. Cushing - JXC9  
 A. Williamson - AFW

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Pamela Newton  
7423 Adams Park Court

1472

Annandale, VA 22003

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**1473**

From: <esuter@worldnet.att.net>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 5:17 PM  
Subject: Oppose North Anna Nuclear Reactor

RDB Rec'd

3-9-05

939

Dear Chief Lesar

12/10/04

69 FR 71854

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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SISP Review Complete  
Template ADM-013

1474

ERIS ADM-03  
Carol G. Cushing - JXC9  
A. Williamson - ARW1

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

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Nearly 3½ years after September 11th, 2001, legislation to improve security at nuclear plants has not been enacted, and security improvements by the nuclear industry have been shown to have significant gaps and flaws. Security guards are often ill-trained and ill-equipped. Mock assaults designed to test guards and keep them on their toes are often done in an unrealistic manner, with months of advanced warning, and with added security forces that are not normally present to defend against a real attack.

There is at this time no solution to the problem of nuclear waste, and constructing new reactors will only worsen that problem. The proposed Yucca Mountain repository in Nevada will not open until 2010 at the earliest, but even industry experts feel 2015 is a more realistic best-case scenario. That doesn't count the remaining scientific questions about the suitability of the site, and the half-dozen lawsuits currently pending – any of which could send the U.S. Department of Energy back to the drawing board. Even if the facility were to open as scheduled, it's not large enough to hold even the amount of waste expected to be generated by currently-operating plants. Waste from new plants will require a new repository. Meanwhile, all the highly-radioactive irradiated fuel from the plants will continue to be stored on-site.

Emergency plans for dealing with an accident or terrorist attack are inadequate, and rely on teachers, bus drivers, doctors, and other civilians to facilitate an evacuation, without taking into account the possibility of role abandonment. Studies of the Three Mile Island accident, which took place in 1979 in Pennsylvania, found that doctors and other key workers abandoned their posts up to 25 miles from the site to tend to their families or save themselves. In the case of a more severe accident, heroic actions would be required to successfully carry out an evacuation.

In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Emanuel Suter  
860 Sconset Lane

1475

McLean, VA 22102

1476

RDB Rec'd

3-9-05

940

From: <waterinthebear@yahoo.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 5:07 PM  
Subject: Oppose North Anna Nuclear Reactor

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04  
69 FR 71854

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

In a time of increased terrorist threat, new nuclear power plants increase physical and economic risks to central Virginia residents, Dominion customers and shareholders, and nuclear industry employees. Al Qaeda is known to have considered nuclear power plants as a target for an attack. Terrorist threats and heightened Threat Advisory Levels (Orange and Red level) may lead to severe restrictions on public access to Lake Anna, which could impact local businesses dependent on public use of the lake. This has already happened at over a dozen lakes with nuclear plants around the country. Adding additional reactors to the North Anna facility could also increase its attractiveness as a terrorist target, increasing the frequency and likelihood of lake closures.

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The history of nuclear power demonstrates that constructing nuclear reactors is expensive, with final costs often running billions of dollars over budget - costs that are often passed on to ratepayers. The first 75 reactors constructed in the U.S. had a combined cost over an of over \$100 billion. The average reactor ran 400% over budget and was over 4 years late in start up. The last reactor in the U.S. to be completed, the Watts Bar plant in Tennessee, was finally opened in 1996, 23 years after it was first proposed. It cost \$8 billion.

SISP Review Complete  
Template-ADM-013

1477

ERIS-ADM-03  
add g. Cushing - JXC9  
A. Williamson - ARW1

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Brian Quam  
2816 Woodlawn Avenue

1478

Roanoke, VA 24015

RDB Rec'd  
3/9/05

941

From: <hannahsk@yahoo.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 4:57 PM  
Subject: Oppose North Anna Nuclear Reactor

Dear Chief Lesar

12/16/04  
69 FR 71854

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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SISP Review Complete 1480  
Template - ADM-013

ERIOS-ADM-03  
advt: J. Cushing - JXC9  
A. Williamson - ARW

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hannahsk@yahoo.com Scialdone-Kimberley  
1543 East Ocean View Avenue

Norfolk, VA 23503

RDB Rec'd  
3/19/05

From: <lsw2t@alumni.virginia.edu>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Feb 25, 2005 4:56 PM  
 Subject: Oppose North Anna Nuclear Reactor

(942)

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04  
69 FR 71854

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SISP Review Complete  
Template - ADM-013

1483

ERIS-ADM-03  
add: J. Cushing - JXC9  
A. Williamson - ARW1

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Lily Whitesell  
811 Whann Ave.

McLean, VA 22101

---

**1485**

**From:** <roncanderson@hotmail.com>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Fri, Feb 25, 2005 4:41 PM  
**Subject:** Oppose North Anna Nuclear Reactor

RDB Rec'd  
 3/9/05  
 (943)

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04  
 69 FR 71854

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SISP Review Complete  
 Template ADM-013

1486

ERIS ADM-03  
 add J. Cushing - JXC9  
 A. Williamson - ARW1

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Ron Anderson  
839 Creekside Crescent

1487

Chesapeake, VA 23320

1488

RDB Rec'd  
3/9/05

From: <ikaikamute@aol.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 3:48 PM  
Subject: Oppose North Anna Nuclear Reactor

944

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/16/04  
69 FR 71854

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SISP Review Complete  
Template-ADM-613

1489

ERIOS-ADM-03  
add g. Cushing - JXC9  
a. Williamson - ARW1

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Jason McMillen  
6231 Park Place

1490

Hume, VA 22639

RDB Recd

3-9-05

945

From: <Dajaslow@yahoo.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 2:41 PM  
Subject: Oppose North Anna Nuclear Reactor

Dear Chief Lesar

12-10-04  
69 FR 71854

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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SISP Review Complete  
Template ADM.013

1492

ERIDS-ADM-03  
old J. Cushing - JXC9  
G. Williamson - ARW1

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Douglas Jaslow  
6234 N. 27th St.

Arlington, VA 22207-1103

1494

RDB Recd

3/19/05

From: Mark Burwinkel <nature\_dude5@yahoo.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 2:40 PM  
Subject: license application

(946)

Nils Diaz, Chairman  
Edward McGaffigan, Jeffrey Merrifield,  
Gregory Jaczko, Peter Lyons, Commissioners  
c/o Annette L. Vietti-Cook, Secretary of the  
Commission  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001  
Dear Commissioners Diaz, McGaffigan, Merrifield,  
Jaczko, and Lyons,

12/10/04  
69 FR 71854

I urge you not to approve the license application by Private Fuel Storage, LLC (PFS) to open an "interim storage site" for irradiated nuclear fuel at the Skull Valley Goshutes Indian Reservation in Utah. The proposal is neither safe nor necessary. First off, the PFS facility is not an appropriate site for storing high-level nuclear waste. The storage casks will be aboveground, exposed to the elements, and in an area adjacent to Hill Airforce Base and the Utah Test and Training Range, which has an increased risk of plane crashes. There will also not be a waste repacking facility on-site. If storage casks fail for any reason human error during shipping or handling, natural disaster, accident, act of sabotage, or gradual corrosion it will be difficult to address the problem and keep radioactive waste from leaking into the soil, water, and air.

There are also the allegations raised by ComEd/Exelon whistleblower Oscar Shirani. Citing numerous major quality assurance violations in the manufacture of the storage/transport containers proposed for use at PFS, he questions their structural integrity. Such problems would not only raise the risk of irradiated fuel degradation and increased container vulnerability during storage at Skull Valley, but also of potentially catastrophic radioactivity release during transport due to a severe accident or terrorist attack.

As it is, PFS would mean the increased transportation and handling of high-level waste. As the frequency and distance of nuclear waste transport increases, so does the risk of accidents. For this reason, the transportation of nuclear waste should be absolutely minimized, and extensive cask testing and planning should be done before the transport of waste begins. PFS, however,

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add g. Cushing -JK9  
Williamson -ARW1

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will increase transportation, not minimize it, and will rush the process, using casks with only minimal testing and planning. The "interim" nature of the project is also questionable. Assurances have been given by PFS (and NRC staff in the proposal's Environmental Impact Statement) that irradiated fuel would remain at Skull Valley for no more than 40 years before transfer to Nevada for permanent burial. Last October, however, U.S. Energy Dept. Yucca Mountain Project transport director Gary Lanthrum was quoted in the Salt Lake press as saying that the Yucca Mountain Project would simply not accept irradiated nuclear fuel from PFS, as that would violate the terms of DOE's Standard Contract for Disposal of Spent Nuclear Fuel, which requires DOE to accept only uncanistered fuel directly from nuclear utilities at reactor sites. Since PFS would not meet these requirements, if the site opens, it could very well lead to de facto permanent "disposal" of 4,000 casks of high-level radioactive waste in Skull Valley. Adding to this concern, while Yucca Mountain plays a key role in the acceptability of PFS, the approval and opening of Yucca is not certain. The proposed geologic repository in Nevada has many issues, and there are serious unresolved questions about its ability to contain waste.

Moreover, in addition to all these concerns, PFS is simply not necessary. While supporters of PFS have argued that irradiated fuel must be moved away from reactors as soon as possible and consolidated in one place, these assertions are misleading. The fuel does not have to be moved immediately, and as long as we continue to produce it, the waste will continue to be kept at every operating reactor around the country. Irradiated fuel just removed from a reactor, for instance, is required to cool and decay on-site for five to ten years before it can be transported. Concern about on-site storage at reactors is justified, but moving some waste to a private "temporary" storage facility like PFS will not make us safer. In fact, it will just increase the risk the waste poses to the public. Finally, on its face, the storage or disposal of highly radioactive waste on a tiny, poverty-stricken Native American community that did not even benefit from the nuclear generated electricity also raises significant environmental justice concerns. The crisis at Skull Valley only exacerbates such concerns. There is a long-running dispute over the legitimacy of the

tribal leadership that supports PFS. In fact, disputed Tribal Chairman Leon Bear, the primary proponent for PFS, has been indicted on federal charges of embezzlement of tribal funds as well as tax evasion. Tribal members who oppose PFS claim they have been severely intimidated and harassed, and allege irregularities such as bribery and extortion have been used to secure support within the tribe for PFS. These are very shaky foundations upon which to build dry cask storage for 44,000 tons of commercial irradiated nuclear fuel, nearly 80% of what currently exists in the U.S. Please deny PFS's license request. The Skull Valley Goshute Reservation is neither a safe nor just solution!

Sincerely,

Mark J Burwinkel  
4686 Hamilton Ave #1  
Cincinnati, OH 45223-1552  
nature\_dude5@yahoo.com

BUSH'S HOUSE OF CARDS:  
The Privatization Fraud  
A Prospect Special Report

<http://www.prospect.org/web/page.ww?section=root&name=Social+Security>

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Do you Yahoo!?

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From: <tweis@stab.org>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Feb 25, 2005 2:34 PM  
 Subject: Oppose North Anna Nuclear Reactor

RDB Rec'd

3/9/05

(947)

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04

89 FR 71854

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

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SISP Review Complete  
 Template-ADM-013

1498

ERIDS-ADM-03  
 add J. Cushing - JXC9  
 A. Williamson - ARW1

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Tom Weis  
3745 Taylor Mtn Farm Lane

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1499

Charlottesville, VA 22903

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**1500**

RDB Recd  
3/9/05

948

From: "Bill & Charlie are" <upacreek@dmv.com>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 3:19 PM  
Subject: NorthAnna ESP

To Whom It May Concern:

I am writing to OPPOSE granting an Early Site Permit (ESP) to Dominion Resources to build two new reactors at the North Anna nuclear plant in Mineral, VA. The draft Environmental Impact Statement states that construction activities permissible under the ESP may stir up heavy metals and other contaminants in the lake sediment, while details about mitigation measures are murky. Further, other effects on the lake, such as temperature increases and reduced water levels, are not fully analyzed. Finally, questions about the adequacy of current security regulations and performance are ignored, as are issues of waste generation and its safe, permanent isolation.

12/10/04  
69 FR 71834

Too many questions remain unanswered and too many problems remain unsolved for the NRC to grant an ESP.

Sincerely,  
Charlotte Diedrich, 4002 Pine Top Ct., Hurlock, MD 21643

SISP Review Complete  
Template: ADM-013

1501

ERIDS-ADM-03  
cald g. Cushing - JX29  
C. Williamson - ARW1

ADB Rec'd  
3/9/05

(949)

From: <ludemilia@yahoo.com>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Feb 25, 2005 1:05 PM  
 Subject: Oppose North Anna Nuclear Reactor

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04  
69 FR 71854

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

In a time of increased terrorist threat, new nuclear power plants increase physical and economic risks to central Virginia residents, Dominion customers and shareholders, and nuclear industry employees. Al Qaeda is known to have considered nuclear power plants as a target for an attack. Terrorist threats and heightened Threat Advisory Levels (Orange and Red level) may lead to severe restrictions on public access to Lake Anna, which could impact local businesses dependent on public use of the lake. This has already happened at over a dozen lakes with nuclear plants around the country. Adding additional reactors to the North Anna facility could also increase its attractiveness as a terrorist target, increasing the frequency and likelihood of lake closures.

Safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application also doesn't consider what the effect might be on the cost of power in Virginia or nationally, or the need for new generating capacity. Virginia currently has a surplus of electrical generating capacity, so excess power will likely be sold outside the state rather than being used in-state to lower prices. Local residents will be forced to live with the risks of the nuclear plant without getting the benefits.

The history of nuclear power demonstrates that constructing nuclear reactors is expensive, with final costs often running billions of dollars over budget – costs that are often passed on to ratepayers. The first 75 reactors constructed in the U.S. had a combined cost overrun of over \$100 billion. The average reactor ran 400% over budget and was over 4 years late in start up. The last reactor in the U.S. to be completed, the Watts Bar plant in Tennessee, was finally opened in 1996, 23 years after it was first proposed. It cost \$8 billion.

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 adol. Cushing - J129  
 A. Williamson - ARW

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Amee McDermott  
8147 Kingsway

1503

Springfield, VA 22152

From: <Jobomadu@msn.com>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Feb 25, 2005 1:02 PM  
 Subject: Oppose North Anna Nuclear Reactor

RDB Rec'd  
 319/05

(950)

12/10/04

69 FR 71854

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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SISP Review Complete  
 Y template - APM-013

1505

ERIDS-APM-03  
 addg. Cushing - JKC9  
 A. Williamson - ARW1

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Mary Dunbar  
9406 Justice Lane

Delaplane, VA 20144

1507

RDB Rec'd  
3/19/05  
(951)

**From:** <badapples4U@hotmail.com>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Fri, Feb 25, 2005 1:08 PM  
**Subject:** Oppose North Anna Nuclear Reactor

Dear Chief Lesar

12/10/04  
69 FR 71854

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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SISP Review Complete  
Template- ADM-013

ERIOS-ADM-03  
add J. Cushing - JXC9  
1508 A. Williamson - ARW1

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J Weikert  
8930 Weldon Drive

Richmond, VA 23229

RDB Rec'd

3-9-05

952

From: <laquam@cox.net>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Fri, Feb 25, 2005 1:44 PM  
Subject: Oppose North Anna Nuclear Reactor

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04  
69 FR 71854

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

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The history of nuclear power demonstrates that constructing nuclear reactors is expensive, with final costs often running billions of dollars over budget - costs that are often passed on to ratepayers. The first 75 reactors constructed in the U.S. had a combined cost overrun of over \$100 billion. The average reactor ran 400% over budget and was over 4 years late in start up. The last reactor in the U.S. to be completed, the Watts Bar plant in Tennessee, was finally opened in 1996, 23 years after it was first proposed. It cost \$8 billion.

SISP Review Complete  
Template ADM-013

1511

ERIOS-ADM-63  
add J Cushing - JXC9  
G. Williamson - ARW1

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Leah Quam  
2816 Woodlawn Ave

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1512

Roanoke, VA 24015

RDB Rec'd  
3/19/05

(953)

From: <jeanneohara@att.net>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Feb 25, 2005 12:51 PM  
 Subject: Oppose North Anna Nuclear Reactor

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04  
69 FR 71854

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SISP Review Complete  
Template - ADM-013

1514

ERIDS-ADM-03  
add J. Cushing - JXC9  
G. Williamson - ARW1

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Jeanne O'Hara

8725 Bluedale St  
Alexandria, VA 22308

From: <FlyinBrian84@yahoo.com>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Feb 25, 2005 12:19 PM  
 Subject: Oppose North Anna Nuclear Reactor

RDB Rec'd

3/9/05

(954)

12/10/04

69FR-71854

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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SISP Review Complete

Template: ADM-013 1517

ERDS-ADM.03

Add J. Cushing - JKC9

C. Williamson - ARW1

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In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Brian Wilson  
P.O. Box 468

154 Branch Road  
Saluda, VA 23149

From: <beaverdam9@aol.com>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Feb 25, 2005 12:37 PM  
 Subject: I Oppose New Reactors At Lake Anna

RDB Rec'd  
 3/9/05

(955)

Dear Chief Lesar

It has taken me many years to formulate an opinion on nuclear power. I do not consider it to be fundamentally unsafe. In fact, I moved to my current home with full knowledge that my family would be living within ten miles of the Lake Anna facility. There is even an emergency siren on the far end of my horse pasture.

However, I have a number of concerns about building new plants in close proximity to the current reactor:

1. It doesn't make economic sense. The lack of insurance through traditional private means together with huge start-up costs would require government subsidy, at a time when public resources are short and other more urgent programs are dying for lack of funds.
2. There are cheaper and less controversial energy sources that are not being fully investigated.
3. The Enron factor. Although I am willing to allow that nuclear power could be provided in a safe, clean and efficient manner (in theory), I am uncomfortable with leaving my family's safety in the hands of corporate managers who are trained to think of profit first. If the economic cycle reverses and the plants become unprofitable, the temptation to take a few shortcuts could be very strong.
4. Terrorism. I have never really worried about this with regard to Lake Anna. There are larger targets closer to major population centers. However, with two or three reactors, it would be much more attractive.

In balance, it just makes no sense.

Mark Atkinson  
 River Knoll Farm  
 20106 Shockey Lane  
 Beaverdam, VA 23105

SISP Review Complete  
 Y template - ADM-013

1520

ERIDS-ADM-03  
 adol g. Cushing - JXC9  
 P. Williamson - ARW1

12/10/04  
 69 FR 71854

From: <cbockart@erols.com>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Fri, Feb 25, 2005 12:36 PM  
 Subject: Oppose North Anna Nuclear Reactor

RDB Rec'd

3/9/05

(956)

12/10/04

69 FR 71854

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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ERDS-ADM-03

add J Cushing - JXC9

A. Williamson - ARW

SISP Review Complete  
 Template - ADM-013

1521

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Carol Bock  
5624 Lakeview Rd.

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1522

Quinton, VA 23141

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**1523**

*RJB received  
3/9/05*

*957*

**From:** <helen\_keller23@yahoo.com>  
**To:** <NorthAnna\_ESP@nrc.gov>  
**Date:** Mon, Feb 28, 2005 7:18 PM  
**Subject:** Oppose North Anna Nuclear Reactor

*10/10/04*

*69FR 71854*

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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*E-RFDS = ADM-03*

*Call = J. Cushing (JXC9)  
A. Williams (PRWI)*

**1524**

*SESP Review Complete  
Template = ADM-013*

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Katie Stiff  
203 Paspheghe Run

Yorktown, VA 23693

RDB received

3/9/05

From: <PatC745435@aol.com>  
 To: <NorthAnna\_ESP@nrc.gov>  
 Date: Thu, Feb 24, 2005 2:51 PM  
 Subject: Oppose North Anna Nuclear Reactor

(958)

Dear Chief Lesar

12/10/04

69FR71854

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

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SISP Review Complete

Templat = ADM - 013

1527

E-RIDJ = ADM-03

Add J. Cushing (JXC9)

A. Williamson (ARW1)

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There is at this time no solution to the problem of nuclear waste, and constructing new reactors will only worsen that problem. The proposed Yucca Mountain repository in Nevada will not open until 2010 at the earliest, but even industry experts feel 2015 is a more realistic best-case scenario. That doesn't count the remaining scientific questions about the suitability of the site, and the half-dozen lawsuits currently pending – any of which could send the U.S. Department of Energy back to the drawing board. Even if the facility were to open as scheduled, it's not large enough to hold even the amount of waste expected to be generated by currently-operating plants. Waste from new plants will require a new repository. Meanwhile, all the highly-radioactive irradiated fuel from the plants will continue to be stored on-site.

Emergency plans for dealing with an accident or terrorist attack are inadequate, and rely on teachers, bus drivers, doctors, and other civilians to facilitate an evacuation, without taking into account the possibility of role abandonment. Studies of the Three Mile Island accident, which took place in 1979 in Pennsylvania, found that doctors and other key workers abandoned their posts up to 25 miles from the site to tend to their families or save themselves. In the case of a more severe accident, heroic actions would be required to successfully carry out an evacuation.

In light of these concerns, we urge the U.S. Nuclear Regulatory Commission to DENY Dominion's application for an Early Site Permit, and for Dominion to instead focus on finding alternative methods of addressing expected increases in energy demands over the coming years.

Pat Churchman  
3619 Mallard Dr

Bridgewater, VA 22812

RDB received

3/9/05

From: <melrod@wlu.edu>  
To: <NorthAnna\_ESP@nrc.gov>  
Date: Thu, Feb 24, 2005 2:51 PM  
Subject: Oppose North Anna Nuclear Reactor

959

Dear Chief Lesar

Please register my opposition to any plans by Dominion to build any new nuclear reactors at its North Anna nuclear power station in Virginia. The site is unsuitable, and many important factors are not being considered in the decision of whether to approve Dominion's application for an Early Site Permit (ESP) at the site. Constructing new reactors would be bad for Virginia's environment, bad for taxpayers, and bad for residential and commercial ratepayers. Among my concerns are:

12/10/04

69 FR 71854

Lake Anna cannot physically support the addition of new reactors. Dominion's Early Site Permit application does not adequately address the increased water use associated with new reactors, which will cause the lake level to drop significantly. Lower water levels will adversely impact water-based recreational uses of the lake, for example by preventing access to boat launch ramps. Lower lake levels lead to mudflats in the back yards of homes located around the lake, and could decrease property values. The application also fails to sufficiently examine the increase in the lake temperature, which will negatively affect the striped bass population, a popular gaming fish, and other marine organisms. Waters downstream will be affected similarly.

In a time of increased terrorist threat, new nuclear power plants increase physical and economic risks to central Virginia residents, Dominion customers and shareholders, and nuclear industry employees. Al Qaeda is known to have considered nuclear power plants as a target for an attack. Terrorist threats and heightened Threat Advisory Levels (Orange and Red level) may lead to severe restrictions on public access to Lake Anna, which could impact local businesses dependent on public use of the lake. This has already happened at over a dozen lakes with nuclear plants around the country. Adding additional reactors to the North Anna facility could also increase its attractiveness as a terrorist target, increasing the frequency and likelihood of lake closures.

Safer, cheaper alternatives to new nuclear generating capacity are not being explored as part of the Early Site Permit process. The ESP application also doesn't consider what the effect might be on the cost of power in Virginia or nationally, or the need for new generating capacity. Virginia currently has a surplus of electrical generating capacity, so excess power will likely be sold outside the state rather than being used in-state to lower prices. Local residents will be forced to live with the risks of the nuclear plant without getting the benefits.

The history of nuclear power demonstrates that constructing nuclear reactors is expensive, with final costs often running billions of dollars over budget - costs that are often passed on to ratepayers. The first 75 reactors constructed in the U.S. had a combined cost overrun of over \$100 billion. The average reactor ran 400% over budget and was over 4 years late in start up. The last reactor in the U.S. to be completed, the Watts Bar plant in Tennessee, was finally opened in 1996, 23 years after it was first proposed. It cost \$8 billion.

SISP Review Complete

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E-RIDs = Adm-<sup>03</sup>~~03~~

Add J. Cushing (Jxc9)

A. Williamson (ARW2)

Renewable energy sources such as wind power create more jobs per investment dollar than does nuclear power. Those jobs also require less specialized education, increasing the chances that local workers will be able to secure the jobs rather than requiring outside experts.

A major nuclear accident could leave an area the size of Pennsylvania uninhabitable for decades. The area around the Chernobyl nuclear plant, site of a major accident in 1986, is still closed to public access and radiation levels are still high. Cleanup costs for a major nuclear accident are estimated to be around \$500 billion, not including broader economic shockwaves. The nuclear industry's liability for such an accident is capped at around \$10 billion, leaving taxpayers with a \$490 billion bill, ratepayers with a bankrupt utility, and surviving residents without a home.

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mimi elrod  
207 white Street

1531