

**From:** "Harry Ruth" <HC.RUTH@LOUISA.NET>  
**To:** <bxs2@nrc.gov>  
**Date:** Mon, Sep 26, 2005 3:41 PM  
**Subject:** Evacuation concerns with North Anna nuclear plant

**To:** Belkys Sosa and Jack Cushing (NRC)

**Re:** Current operation of the North Anna Plant & also the ESP currently under review.

Attached is the email version of the 26 Sep 05 letter that the Friends of Lake Anna sent to both the NRC & VDEQ concerning emergency evacuations both with the current plant and also the proposed addition of the 3rd & 4th reactors. In addition, the Louisa County letter forwarding similar concerns previously sent was included with the fax version only. Note the Louisa County letter dated Sep 21, 2005 is not attached to this email. If you have any questions, please do not hesitate to call.

Harry Ruth Phone 540-872-3632

**CC:** "Jack Cushing (NRC)" <JXC9@nrc.gov>

**Mail Envelope Properties** (43384EED.B23 : 7 : 60195)

**Subject:** Evacuation concerns with North Anna nuclear plant  
**Creation Date:** Mon, Sep 26, 2005 3:41 PM  
**From:** "Harry Ruth" <HC.RUTH@LOUISA.NET>

**Created By:** HC.RUTH@LOUISA.NET

**Recipients**

nrc.gov  
owf4\_po.OWFN\_DO  
JXC9 CC (Jack Cushing)  
BXS2 (Belkys Sosa)

**Post Office**

owf4\_po.OWFN\_DO

**Route**

nrc.gov

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	694	Monday, September 26, 2005 3:41 PM
TEXT.htm	1503	
VDEQ & NRC letter forwarding Louisa BD + Emergency Evacuation concern -26Sep05.doc	32768	
Mime.822	49258	

**Options**

**Expiration Date:** None  
**Priority:** Standard  
**Reply Requested:** No  
**Return Notification:** None

**Concealed Subject:** No  
**Security:** Standard

26 September 2005

Ms. Ellie Irons, Environmental Impact Review Program Manager  
Virginia Department of Environmental Quality (VDEQ)  
629 East Main Street, Richmond, Va. 23219  
(Via Fax 804-698-4319 - 6 pages)

Mr. Jack Cushing,  
Environmental Project Manager for North Anna ESP Site Application  
U.S. Nuclear Regulatory Commission (NRC), Washington D.C. 20555  
(Via Fax 301-415-2002 - 6 pages)

- Reference:
- (1) Ruth Estates Property Owners Association (REPOA) letter dated 17 August 2005 to VDEQ (Environmental Impact Review Program) requesting help re concerns about the proposed expansion of the North Anna nuclear power plant, which affects Lake Anna.
  - (2) REPOA letter dated 18 August 2005 to NRC (Environmental Project Manager for North Anna ESP site Application) requesting help re concerns about the proposed expansion of the North Anna nuclear power plant, which affects Lake Anna.
  - (3) REPOA & Friends of Lake Anna letter dated 31 August to VDEQ & NRC identifying a Friends of Lake Anna group has been founded on 22 August 2005 to gather support for the concerns identified in References 1 & 2.
  - (4) Friends of Lake Anna letter dated 7 Sep 05 to VDEQ & NRC forwarding petitions, emails, letters & Board of Directors Resolutions representing 1,850 people who share similar concerns

Dear Ms. Irons and Mr. Cushing,

A new concern "Emergency Evacuation" with the NRC draft environmental impact statement for an Early Site Permit (ESP) at the North Anna ESP Site dated Nov 2004 has recently come to light as a result of Hurricanes Katrina & Rita. In addition, I have attached a County of Louisa letter dated September 21, 2005 that also expresses concerns with the ESP similar to those previously forwarded. As indicated previously our group is not "anti nuclear", nor does it have "not in my backyard sentiments".

The recent Hurricanes Katrina (hitting New Orleans) and Rita (hitting Texas & Louisiana) have reemphasized the need to provide for adequate emergency evacuation in the event of a disaster. As you are aware, Lake Anna has approximately 272 miles of shoreland. During the past 30 plus years since Lake Anna was created, thousands of homes have been built surrounding the lake. In addition, thousands of home sites around the Lake have been recently approved by the Counties of Louisa, Spotsylvania, and Orange. Also many thousands of home sites are on the drawing boards and in the planning stages. One can only guess what the next 20 years (that the ESP if granted would cover) will bring in the way of growth immediately surrounding Lake Anna. **Unfortunately the one thing that no one appears to be addressing is updating the two lane road system surrounding the lake or the panic that would occur in the surrounding geographical areas for emergency evacuation in the event of a nuclear disaster at the North Anna site.**

**FRIENDS OF LAKE ANNA**

Hurricanes Katrina and Rita have shown us that thousands of lives can be lost, plus much property damage can occur, if adequate planning for emergency evacuation is not taken seriously. It is requested that both the NRC and VDEQ provide for the current two lane road upgrades to a sufficient capacity to provide for thousands of homeowners, thousands of recreational users, 5,000 plant construction workers, plus over 700 personnel working at the North Anna site to leave the area in a very short time period. In addition, various measures should also be provided to minimize property damage in all areas surrounding Lake Anna and the North Anna nuclear power site.

**The emergency evacuation could be caused by terrorist attacks on the plant or against spent nuclear fuel and high-level radioactive waste stored at the plant, until it moved and disposed of at some national site that is still under consideration. In addition the evacuation could be caused by human error with the management of the nuclear reactors similar to what occurred with the nuclear site at 3 mile island in Pennsylvania. The attacks or human error would affect not only Lake Anna residents, but also the metropolitan areas of Washington D.C, together with Richmond, Fredericksburg, Culpepper, Manassas, Charlottesville and many others in Virginia and Maryland. These emergency evacuation upgrades should occur whether or not the ESP is granted, as the risk is here today. Possibly the U.S. Department of Homeland Security could assist with this effort.**

Also attached is a County of Louisa letter that addresses many of the same concerns previously expressed with a 3<sup>rd</sup> water cooled reactor. These concerns include inadequate water supply, increase in drought cycle, increase in water conflicts with downstream counties, no provision for future population growth, decreasing the lake levels, increasing lake water temperatures to 113 degrees, increasing health hazards for 500,000 people who use the Lake on an annual basis, and as a result a drop in property values and the associated counties tax base..

Thank you in advance for including the "Emergency Evacuation" with your concerns to be addressed re the North Anna ESP and also passing this concern to the appropriate governmental agencies who can assist with upgrading the current evacuation routes. Again thanks and please advise if we can provide any additional information with reference to the above.

Sincerely,

Harry Ruth  
For the Friends of Lake Anna  
C/O 230 Heather Drive, Bumpass, Va. 23024  
Phone 540-872-3632

Attachment: Louisa County letter dated Sept 21, 2005 (4 pages)

CC: (w/o attachment)

- (1) Board of Supervisors for the Virginia counties of Louisa, Spotsylvania, Orange, Prince William, Fauquier, Culpepper, Henrico, Stafford, Caroline, Hanover, Goochland., Arlington, Caroline, Fairfax, King George, Loudon, Madison, Rappahannock
- (2) City Managers of Washington D.C, Richmond, Manassas, Charlottesville, Fredericksburg, Fairfax
- (3) U.S. Department of Homeland Security

Return-path: <HC.RUTH@LOUISA.NET>  
Received: from mail1.nrc.gov [148.184.176.41]  
by NNRWMS02.NRC.GOV; Mon, 26 Sep 2005 15:41:32 -0400  
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by mail1.nrc.gov with ESMTP; 26 Sep 2005 15:41:31 -0400  
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X-MID: 524913  
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X-Brightmail-Tracker: AAAAAA==  
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by mailtr04.ntelos.net (8.13.1/8.13.1/Debian-6) with SMTP id j8QJfG7P002726;  
Mon, 26 Sep 2005 15:41:18 -0400  
Message-ID: <01cc01c5c2d2\$422a0d20\$265691d1@HarryCarolRuth>  
From: "Harry Ruth" <HC.RUTH@LOUISA.NET>  
To: <bx2@nrc.gov>  
Cc: "Jack Cushing \ (NRC)" <JXC9@nrc.gov>  
Subject: Evacuation concerns with North Anna nuclear plant  
Date: Mon, 26 Sep 2005 15:41:12 -0400  
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This is a multi-part message in MIME format.

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Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

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