

**From:** "DeWald, Lynn" <ldewald@entergy.com>  
**To:** "Richard Emch" <RLE@nrc.gov>  
**Date:** 04/06/2007 11:31:00 AM  
**Subject:** FW: Vermont Yankee Question

Rich, As requested.

-----Original Message-----

**From:** Thomas, George  
**Sent:** Thursday, April 05, 2007 4:27 PM  
**To:** DeWald, Lynn  
**Cc:** McElwee, David  
**Subject:** FW: Vermont Yankee Question

The 183 gpm drift is based on the cooling tower manufacture's data for drift of 0.05% of cooling tower water flow of 366,000 gpm. See p. 4 of attached report that was submitted in VT PSB Docket 6812 (EPU CPG).

The deposition was a simple calculation by S&W that was prepared to counter the NEC allegation that we would turn the site into a rain forest. It was submitted in response to a discovery request by NEC in the latter stages of the discovery process (same time gluteraldehyde appeared). Unfortunately, my files on this information were inadvertently deleted, and we will need to go back to Vickie Brown's files to obtain the information.

Maybe Dave McElwee can assist.

George S. Thomas  
Entergy Nuclear Operations, Inc.  
Senior Project Manager  
Office: (802) 451-3072  
Cell: (802) 380-4206

-----Original Message-----

**From:** DeWald, Lynn  
**Sent:** Thursday, April 05, 2007 9:08 AM  
**To:** Thomas, George  
**Subject:** FW: Vermont Yankee Question

George, I left you a voicemail about seeking the information that the NRC requests below. Please give me a call. Lynn

-----Original Message-----

**From:** Richard Emch [mailto:RLE@nrc.gov]  
**Sent:** Thursday, April 05, 2007 8:55 AM  
**To:** DeWald, Lynn  
**Cc:** Ellen Moret; Ron Kolpa; Jessie Muir  
**Subject:** Fwd: Vermont Yankee Question

Lynn,

This an email from our contract staff at ANL. The air quality reviewer needs to get the document that is being referred to by the NEC comments.

Rich Emch

>>> "Moret, Ellen N." <moret@anl.gov> 04/04/2007 2:55 PM >>>  
Hi Jessie--

In looking over some of the comments, Ron Kolpa asked me about a report referenced in comment letter #28 (New England Coalition). On the bottom of page 5-page 6, the commenter writes, "is staff unaware that according to discovery materials provided by Entergy in a hearing before the Vermont Public Service Board (Docket 6812), in the normal course of operation, Vermont Yankee NPP cooling towers discharge "drift" or spray at the rate of 183 gallons per minute. According to Entergy, ground deposition of this drift has been measured at 1/10 of inch per year at a distance of 1000 meters, and the amount of drift will increase as thermal power is increased at the plant."

I know that Docket 6812 deals with the uprate, but Ron has never seen the report nor is aware of those numbers or where they come from. Do you have any idea what the report is, or where it may be obtained? We can always discuss this next week, but I thought it may help to have the report to look it over before then. Let me know, thanks.

Ellen

**Mail Envelope Properties** (461667AB.DF4 : 12 : 11764)

**Subject:** FW: Vermont Yankee Question  
**Creation Date** 04/06/2007 11:30:43 AM  
**From:** "DeWald, Lynn" <ldewald@entergy.com>

**Created By:** [ldewald@entergy.com](mailto:ldewald@entergy.com)

**Recipients**

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RLE (Richard Emch)

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**Route**

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<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	2776	04/06/2007 11:30:43 AM
VY CT Evap R1 2003-06-11.pdf		374435
Mime.822	517630	

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