

**RELATED CORRESPONDENCE**

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USNRC

**UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION**

March 7, 2005 (1:08pm)

OFFICE OF SECRETARY  
RULEMAKINGS AND  
ADJUDICATIONS STAFF

**BEFORE THE ATOMIC SAFETY AND LICENSING BOARD**

In the Matter of	)	
	)	Docket No. 50-271
ENTERGY NUCLEAR VERMONT	)	
YANKEE LLC AND ENTERGY NUCLEAR	)	ASLBP No. 04-832-02-OLA
OPERATIONS, INC.	)	
(Vermont Yankee Nuclear Power Station)	)	

March 2, 2005

**VERMONT DEPARTMENT OF PUBLIC SERVICE  
DISCLOSURE OF 3/2/05 PURSUANT TO 10 C.F.R. § 2.336**

Pursuant to 10 C.F.R. § 2.336(a) and (d), the Vermont Department of Public Service ("DPS" or "Department"), hereby makes the following continuing disclosures.

**Documents provided on the enclosed CD**

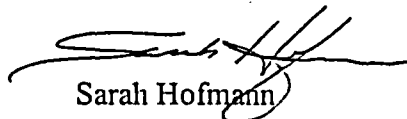
- 207. *Pump Handbook*, Karassik, et. al., Third Edition, 2001, pp. 2.346-2.357.
- 208. American Institute of Chemical Engineers Equipment Testing Procedure, *Centrifugal Pumps (Newtonian Liquids): A Guide to Performance Evaluation*, Third Edition, 2002, pp. 11-16, 44-46.
- 209. T. Henshaw, *How Much NPSH Does Your Pump Really Require?*, Pump & Systems Magazine, September 2001, pp. 42-43.
- 210. *Checking In* (Responses to *How Much NPSH Does Your Pump Really Require?*), Pump & Systems Magazine, January 2002, pp. 8-11.
- 211. *PumpLines*, ITT Industries, Fall 2001.
- 212. *PumpLines*, ITT Industries, Fall 1999.
- 213. Pages from Hydraulic Institute Web Site ([www.pumps.org](http://www.pumps.org)) - 1) Nuclear Power/Cooling Tower, 2) Learning about Pump NPSH Margin, 3) Learn about Cavitation Damage

- Factors, 4) Learn about NPSH Margin Ratio Recommendations, printed 2/28/05.
214. Technical Assistance Related to ISA Issue No. 5, *Reliance on Containment Overpressure for Ensuring Appropriate NPSH*, Final Technical Evaluation Report, April 29, 1998.

**Documents provided in hard copy with this Disclosure**

215. NEI Letter of May 28, 2004 Re PWR Containment Sump Evaluation Methodology.
216. *The NUREG/CR-6224 Head Loss Correlation*, Graham Wallis 9/03/2004.
217. *Flow Through a Compressible Porous Mat: Analysis of the Data Presented in Series 6 Tests Reported by LANL in LA-UR-04-1227*, Graham Wallis 9/3/2004.
218. The ANSI/ANS Standard 58.2-1988: Two-Phase Jet Model, Graham Wallis 8/31/2004.
219. *Preliminary Review of Head Loss Prediction Across Sump Screens*, Sanjoy Bannerjee.
220. *Comments on GSI-191 Models for Debris Generation*, V.H. Ransom 9/14/2004.
221. *Safety Evaluation for NEDO-326896, Rev. O, "Utility Resolution Guidance Document for ECCS Suction Strainer Blockage,"* 8/20/1998.
222. NUREG/CR-6398, SEA 95-554-06-A:9, *Experimental Investigation of Sedimentation of LOCA-Generated Fibrous Debris and Sludge in BWR Suppression Pools*, Prepared by F.J. Souto, D.V.Rao of Science and Engineering Associates, Inc.
223. NUREG/CR-6367, SEA 95-554-06-A:8, *Experimental Study of Head Loss and Filtration for LOCA Debris*, Prepared by D.V. Rao, F.J. Souto of Science and Engineering Associates, Inc.
224. LA-UR-03-6415, Los Alamos National Laboratory, *Small-Scale Experiments: Effects of Chemical Reactions on Debris-Bed Head Loss*.
225. NRC Regulatory Information Conference, Power Uprates Panel: State Perspective, March 8, 2005, Slides of Bill Sherman - VT Department of Public Service.

Respectfully submitted,



Sarah Hofmann  
Director for Public Advocacy  
Vermont Department of Public Service

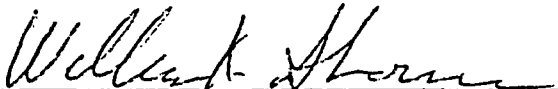
UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

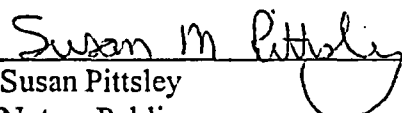
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YANKEE LLC AND ENERGENCY NUCLEAR ) ASLBP No. 04-832-02-OLA  
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(Vermont Yankee Nuclear Power Station) )

CERTIFICATE OF DISCLOSURE

1. My name is William K. Sherman. I am employed by the Vermont Public Service Department ("Department") in the position of State Nuclear Engineer. I have held this position since November, 1988. My duties include ongoing State regulatory oversight of the Vermont Yankee Nuclear Power Station ("Vermont Yankee"), as well as advising the Department and other State agencies on issues related to Vermont Yankee and nuclear power.
2. To the best of my knowledge, information and belief, the Department's Discovery Disclosures, dated March 2, 2005, transmit all materials required to be disclosed pursuant to 10 C.F.R. § 2.336 that were identified as relevant to the admitted contentions through a search of the information and documentation under the Department's possession, control and custody as of the date of this certification.

  
\_\_\_\_\_  
William K. Sherman  
State Nuclear Engineer

Subscribed and sworn to before me this 2nd day of March, 2005.

  
\_\_\_\_\_  
Susan Pittsley  
Notary Public  
My commission expires February 10, 2007

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

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YANKEE LLC AND ENERGENCY NUCLEAR ) ASLBP No. 04-832-02-OLA  
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(Vermont Yankee Nuclear Power Station) )

CERTIFICATE OF SERVICE

I hereby certify that copies of the Vermont Department of Public Service Disclosure of 3/2/05 Pursuant to 10 C.F.R. § 2.336 and Certificate of Disclosure in the above captioned proceeding has been served on the following by deposit in the United States Mail, first class, postage prepaid, and where indicated by asterisk by electronic mail (of the material in the Department's possession in electronic format), this, 2nd day of March, 2005. Hard copies of the enclosures and the electronic disk (with the same material that people receive by electronic mail) are only being sent to the Parties: Counsel for Entergy and Counsel for NRC Staff, with a courtesy copy to Counsel for NEC.

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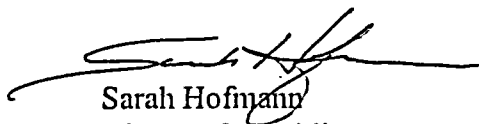
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Respectfully submitted,

  
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