

RELATED CORRESPONDENCE

May 8, 2007

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OFFICE OF SECRETARY
RULEMAKINGS AND
ADJUDICATIONS STAFFUNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSIONBefore the Atomic Safety and Licensing Board

In the Matter of)

Enterly Nuclear Generation Company and)
Enterly Nuclear Operations, Inc.)

(Pilgrim Nuclear Power Station))

Docket No. 50-293-LR

ASLBP No. 06-848-02-LR

ENTERGY'S FIFTH SUPPLEMENTAL DISCLOSURE

Pursuant to 10 C.F.R. § 2.336(d), Entergy Nuclear Generation Company and Entergy Nuclear Operations, Inc. ("Entergy") hereby supplements its disclosures as follows. Entergy is

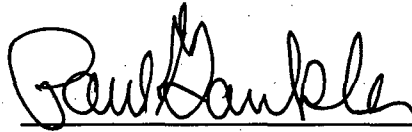
(1) providing by separate cover letter to counsel for Pilgrim Watch and the NRC Staff a compact disk that contains a copy of the report prepared by Washington Safety Management Solutions, LLC, a contractor for Entergy, entitled "Radiological Dispersion and Consequence Analysis Supporting Pilgrim Nuclear Power Station Severe Accident Mitigation Alternative Analysis" ("WSMS Report") and related backup files; and (2) providing the following Document Disclosure List of documents referenced in the WSMS Report but not provided as part of Entergy's previous discovery disclosures.

	Reference	Description
1.	Buckley, R.L. and R.J. Kurzeja, 1997a	An observational and numerical study of the nocturnal sea breeze. Part 1: Structure and circulation, Journal of Applied Meteorology and Climate, Vol. 36, no. 12, pp. 1577-1598.
2.	Buckley, R.L. and R.J. Kurzeja, 1997b	An observational and numerical study of the nocturnal sea breeze. Part 2: Chemical transport, Journal of Applied

		Meteorology and Climate, Vol. 36, no. 12, pp. 1599-1619.
3.	Dobbins, 1979	R. A. Dobbins, <u>Atmospheric Motion and Air Pollution</u> , John Wiley & Sons, New York (1979)
4.	Gregory, 1999	J. J. Gregory and F. T. Harper, Probabilistic Accident Consequence Uncertainty - A Joint CEC/USNRC Study, Sandia National Laboratories, SAND99-1981C (1999).
5.	Hanna, 1982	S. R. Hanna, G. A. Briggs, and R. P. Hosker, Jr., <i>Handbook on Atmospheric Diffusion</i> , Technical Information Center, U.S. Department of Energy, Atmospheric Turbulence and Diffusion Laboratory, NOAA, DOE/TIC-11223 (1982).
6.	Hanna, 2002	S. R. Hanna (2002) and R. E. Britter, <u>Wind Flow and Vapor Cloud Dispersion at Industrial and Urban Sites</u> , Center for Chemical Process Safety of the American Institute of Chemical Engineers, New York, NY.
7.	Jow, 1990	H-N Jow (1990), J.L. Sprung, J.A. Rollstin, L.T. Ritchie, and D.I. Chanin. <i>MELCOR Accident Consequence Code System (MACCS)</i> , Volume 2. Model Description. Sandia National Laboratories, Albuquerque, NM. NUREG/CR-4691 (SAND86-1562).
8.	Lewellen, 1985	W. S. Lewellen et al., <i>Comparison of the 1981 INEL Dispersion Data with Results for a Number of Different Models</i> , NUREG/CR-4159 (ARAP No. 505), Idaho National Engineering Laboratory, Idaho Falls, ID, 1985.
9.	Mollenkamp, 2004	Mollenkamp, C.R., N.E. Bixler, C.W. Morrow, J.V. Ramsdell, Jr., and J.A. Mitchell, <i>Comparison of Average Transport and Dispersion Among a Gaussian, a Two-Dimensional, and a Three-Dimensional Model</i> , Lawrence Livermore National Laboratory, Atmospheric Science Division, Livermore, CA. NUREG/CR-6853, (October 2004).
10.	NRC, 1983	U.S. Nuclear Regulatory Commission, <i>Atmospheric Dispersion Models for Potential Accident Consequence Assessments at Nuclear Power Plants</i> , Regulatory Guide 1.145, (February 1983).
11.	NRC, 1997	U.S. Nuclear Regulatory Commission, <i>Regulatory Analysis Technical Evaluation Handbook</i> , NUREG/BR-0184, (1997).
12.	Simpson, 1994	Simpson, J.E., 1994: <i>Sea Breeze and Local Wind</i> . ISBN 0 521 45211 2, Cambridge University Press, Cambridge, UK. 234 pp.

13.	Turner, 1970	D. Bruce Turner, <i>Workbook of Atmospheric Dispersion Estimates</i> , PB-191 482, U.S. Department of Health, Education, and Welfare, Cincinnati, OH (1970).
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Respectfully Submitted,



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Dated: May 8, 2007

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May 8, 2007

**UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION**

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Entergy Nuclear Generation Company and)	Docket No. 50-293-LR
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)	
(Pilgrim Nuclear Power Station))	

CERTIFICATE OF SERVICE

I hereby certify that copies of "Entergy's Fifth Supplemental Disclosure" dated May 8, 2007, and Certification of Supplemental Disclosure Affidavit of Fred Mogolesko executed May 3, 2007, were served on the persons listed below by deposit in the U.S. Mail, first class, postage prepaid, and where indicated by an asterisk by electronic mail, this 8th day of May, 2007.

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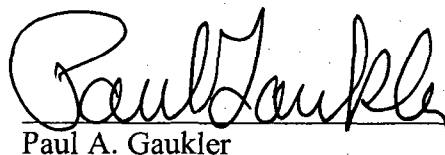
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)	
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**Certification of Supplemental Disclosure
Affidavit of Fred Mogolesko**

County of Plymouth)	
)	
State of Massachusetts)	

I, Fred Mogolesko, being duly sworn, state:

I am the License Renewal Project Manager for the Pilgrim Nuclear Power Station. My business address is Pilgrim Nuclear Station, 600 Rocky Hill Road, Plymouth, MA 02360. I am authorized to provide this certification, pursuant to 10 C.F.R. § 2.336(c), on behalf of Entergy Nuclear Generation Company and Entergy Nuclear Operations, Inc. ("Entergy").

To the best of my knowledge, information and belief, Entergy's fifth supplemental disclosure in the above captioned proceeding discloses all materials required to be disclosed by 10 C.F.R. § 2.336(a) that were developed, obtained or identified subsequent to the previous disclosures as being relevant to the admitted contentions.

Further, to the best of my knowledge, information and belief, and based on representations of personnel who were instructed to perform a diligent search, these disclosures are accurate and complete as of this date.

Further the affiant sayeth not.

Fred Mogolesko
Fred Mogolesko

Subscribed and sworn to before me this 3rd day of April, 2007

Judith M. Plummer
Notary Public

My commission expires:

December 26, 2008

