

October 10, 2012

Mr. Jeffrey A. Halfinger, Vice President
NSSS Technology
Babcock & Wilcox mPower, Inc.
109 Ramsey Place
Lynchburg, VA 24501

SUBJECT: TRANSMITTAL OF LOSS-OF-FLUID TEST DATA AND SUMMARY REPORTS
TO BABCOCK AND WILCOX COMPANY TO SUPPORT MPOWER DESIGN

Dear Mr. Halfinger:

In a letter dated August 22, 2012, (Agencywide Documents Access and Management System (ADAMS) Accession No. ML12233A210), the U.S. Nuclear Regulatory Commission (NRC) granted permission to Babcock & Wilcox (B&W) Company to receive designated Loss-of Fluid Test (LOFT) data and summary reports to support the mPower™ design. On September 7, 2012 (ML12254A838), B&W submitted a letter agreeing to the terms of receipt identified by the NRC in the letter mentioned above.

As a reminder, under the AGREEMENT ON AN OECD PROJECT ON THE LOFT EXPERIMENTAL PROGRAMME (AGREEMENT), it states in *Article 6 (INFORMATION AND INTELLECTUAL PROPERTY)*, sections (b) that *Subject only to patent and copyright restrictions, each Signatory shall have the right to publish, in addition to information provided by him to the Project, all other information, except proprietary information, provided to or arising from this Project.* For the purposes of this Agreement, proprietary information shall mean information of a confidential nature such as trade secrets and know-how previously developed outside this Agreement. Since the above listed test data and summary reports were developed within the scope of the AGREEMENT, the test data and summary reports can be deemed and considered nonproprietary in nature. As such, it is understood that B&W will use all reasonable efforts to protect the use of the LOFT data and summary reports. In particular, B&W should not directly or indirectly disclose, allow access to, transmit, or transfer the LOFT data and summary reports to a third party without NRC's prior written consent. B&W has permission to disclose the LOFT data and summary reports only to those B&W employees and B&W consultants who have a need to know.

The NRC has collected the LOFT data and summary reports as a secure zip file in the attached CD.

J. Halfinger

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Should you have any questions, comments or concerns regarding this transmittal, please contact Ms. Yanelly Malave, Project Manager via email at Yanelly.Malave@nrc.gov or by telephone at (301) 415-1519 or me via email at Joelle.Starefos@nrc.gov or by telephone at (301) 415-6091.

Sincerely,

/RA/

Joelle L. Starefos, Senior Project Manager
Projects Branch
Division of Advanced Reactors and
Rulemaking
Office of New Reactors

Project No.: 0776

Enclosures:

1. List LOFT data and summary reports
2. Data disk including data listed in Enclosure 1

cc w/encl: DC B&W mPower Mailing List

J. Halfinger

-2-

Should you have any questions, comments or concerns regarding this transmittal, please contact Ms. Yanelly Malave, Project Manager via email at Yanelly.Malave@nrc.gov or by telephone at (301) 415-1519 or me via email at Joelle.Starefos@nrc.gov or by telephone at (301) 415-6091.

Sincerely,

/RA/

Joelle L. Starefos, Senior Project Manager
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***via email**

NRO-002

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NAME	SMagruder	CHoxie	
DATE	10/3/12	10/10/12	

OFFICIAL RECORD COPY

List LOFT data and summary reports

Test Data	Summary Report
LOFT L3-1	Bayless, P. D., J. B. Marlow, and R. H. Averill, "Experiment Data Report for LOFT Nuclear Small Break Experiment L3-1 ," NUREG/CR-1145, EGG-2007, January 1980.
LOFT L3-2	McCormick-Barger, M. L., J. M. Carpenter, J. B. Marlow, and S. A. Ploger, "Experiment Data Report for LOFT Nuclear Small Break Experiment L3-2," NUREG/C R-1311, EGG-2016, April 1980.
LOFT L3-3	McCormick-Barger, M.L. and J.M. Divine, "Experiment Data Report for LOFT Anticipated Transient with Multiple Failures Experiment L9-1 and Small Break Experiment L3-3," NUREG/CR-2119, EGG-21 01, June 1981. (Data is not readily available. Will attempt to send under separate cover.)
LOFT L3-6	Bayless, P.D. and J.M. Carpenter, "Experiment Data Report for LOF T Nuclear Small Break Experiment L3-6 and Severe Core Transient Experiment L8-1 ," NUREG/CR-1868, EGG-2075, January 1981. (Summary Report is not readily available. Will attempt to send under separate cover.)
LOFT L6-1 LOFT L6-2 LOFT L6-3	Batt, D.L. and J.M. Carpenter, "Experiment Data Report for LOFT Anticipated Transient Experiments L6-1, L6-2, and L6-3," NUREG/CR-1797, EGG-2067, December 1980.
LOFT L6-5	Stitt, B.D. and J.M. Carpenter, "Experiment Data Report for LOFT Anticipated Transient Experiment L6-5," NUREG/CR-1520, EGG-2045, July 1980.
Semiscale S-07-10B	Larson , T.K. , G. G. Loomis, and R.W. Shumway, "Semiscale Simulations of the Three Mile Island Transient - A Summary report," EG&G Idaho, Inc., SEMI -TR-010, July 1979.
LOFT L9-2	Stitt, B.D. and J.M. Divine, "Experiment Data Report for LOFT Anticipated Transient Experiment L6-7 and Anticipated Transient with Multiple Failures Experiment L9-2", EG&G Idaho Report NUREG/CR-2277, EGG-2121, September 1981.
LOFT L9-3	Bayless, P.D., and J.M. Divine, Experiment Data Report for LOFT Anticipated Transient Without Scram Experiment L9-3, NUREG/CR-2717, EGG-2195, May 1982.
Semiscale S-NC-2B S-NC-3 S-NC-4B	"Experiment Data Report for Semiscale Mod-2A Natural Circulation Tests S-NC-2B, S-NC-3 and S-NC-4B," prepared by EG&GIdaho, NUREG/CR-2454, EGG 2141, January 1982.

Enclosure

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(Revised 10/03/2012)

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