

generation  
**mPower**

February 11, 2014

10 CFR 52

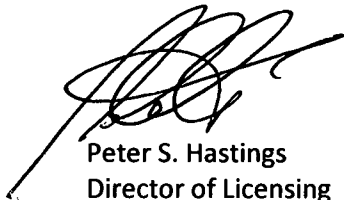
U.S. Nuclear Regulatory Commission (NRC)  
ATTN: Document Control Desk  
11555 Rockville Pike  
Rockville, MD 20852-2738

Subject: Project No. PROJ0776  
Generation mPower LLC (GmP)  
Submittal of B&W mPower™ NSSS Testing Programs and Flow Induced Vibration Methods  
Slides Ltr. No. LTR-14-0131

A meeting is scheduled between GmP and NRC staff in Rockville, MD on February 25, 2014, to discuss the subject topics. Participants will include technical staff from GmP, B&W mPower, and the NRC staff.

Presentation slides for the subject meeting topics are enclosed. A portion of the information provided in the slides is Proprietary information. Therefore enclosed are two versions of the slides. Enclosure 1 and 2 are signed affidavits that provide the justification for withholding the Proprietary information identified in Enclosures 3 and 4 that is marked in brackets. GmP requests that this bracketed information be withheld from public disclosure in accordance with the requirements of 10 CFR 2.390. Enclosures 5 and 6 are non-proprietary (redacted) versions of the slides for public release.

If you have any questions or need any additional information, please contact me at your convenience at (980) 365-2071 or at [pshastings@generationmpower.com](mailto:pshastings@generationmpower.com).



Peter S. Hastings  
Director of Licensing  
Generation mPower, LLC

D11Z  
NRD

- Enclosures:
1. Affidavit - B&W mPower™ NSSS Testing Programs Slides
  2. Affidavit - Comprehensive Vibration Assessment Program - Vibration Analysis Technical Report Contents Slides
  3. B&W mPower™ NSSS Testing Programs Slides (Proprietary)
  4. Comprehensive Vibration Assessment Program - Vibration Analysis Technical Report Contents Slides (Proprietary)
  5. B&W mPower™ NSSS Testing Programs Slides (Redacted)
  6. Comprehensive Vibration Assessment Program - Vibration Analysis Technical Report Contents Slides (Redacted)

cc: J. L. Starefos, NRC, TWFN 9-F-27  
S. L. Magruder, Jr, NRC, TWFN 9-F-27

**Enclosure 1**

**AFFIDAVIT of Peter S. Hastings**

**B&W mPower™ NSSS Testing Programs Slides**

**AFFIDAVIT OF PETER S. HASTINGS**

COMMONWEALTH OF VIRGINIA    )  
  )  
CITY OF LYNCHBURG            )

I, Peter S. Hastings, being duly sworn, hereby depose and state as follows:

1. I am the Director of Licensing for Generation mPower LLC (“GmP”).

2. I have personal knowledge of the criteria and procedures used by GmP in designating certain information as sensitive, proprietary, or confidential, and have been delegated the responsibility of reviewing and identifying proprietary information related to the proposed mPower plant design certification application that is intended to be submitted to the U.S. Nuclear Regulatory Commission (“NRC”).

3. I am making this Affidavit in conformance with the provisions of 10 CFR 2.390 of the regulations of the NRC, and am authorized on behalf of GmP to apply for the withholding of such proprietary information from public disclosure.

4. GmP requests that the NRC withhold from public disclosure certain design information marked in the accompanying document entitled “B&W mPower™ NSSS Testing Programs”. Such information has been classified by GmP as sensitive, proprietary, or confidential in accordance with GmP’s procedures.

5. Pursuant to 10 CFR 2.390(b)(4), the following is furnished for consideration by the NRC in determining whether the information sought to be withheld from public disclosure should be withheld:

(a) The information sought to be withheld from public disclosure is owned by or licensed to GmP and has been held in confidence by GmP and its affiliates and consultants.

(b) To the best of my knowledge and belief, the information sought to be protected has not been disclosed publicly and has not been made available in public sources.

(c) The information is of the type that would customarily be held in confidence by GmP. This information includes GmP’s conceptual and technical approaches regarding details of the design of the B&W mPower™ reactor systems, structures, components and associated analysis and classifications, disclosure of which could adversely affect our competitive position by

informing competitors of the degree of maturity and viability of the program, thereby motivating them to increase efforts to develop competing technologies. All or part of the approach described in the withheld material may be patentable for which it may be desirable to seek patent protection or which may be maintained as trade secret information.

- (d) Release of the subject information will harm GmP because GmP will be put at a competitive disadvantage if its competitors in the small modular reactor market become aware of its proprietary information. In addition, GmP has contractual relationships with its affiliate, Babcock & Wilcox mPower, Inc., regarding proprietary information, and GmP is contractually obligated to seek confidential and proprietary treatment of such information.
- (e) The proprietary information sought to be withheld from public disclosure is identified and is marked as proprietary as it appears in the materials.
- (f) The information is being transmitted to the NRC in confidence and, under the provisions of 10 CFR 2.390(b)(4)(iii), it is to be received in confidence by the NRC.

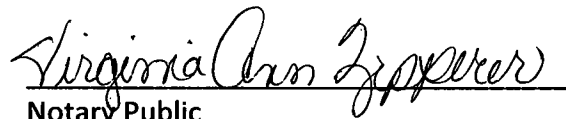
I declare under penalty of perjury under the laws of the United States of America that the foregoing is a true and correct statement of facts.

  
\_\_\_\_\_  
Peter S. Hastings

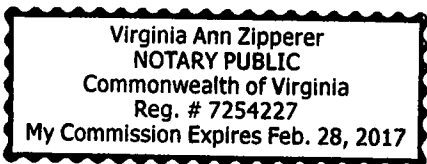
COMMONWEALTH OF VIRGINIA

CITY OF LYNCHBURG

Subscribed and sworn to before me this 10<sup>th</sup> day of February, 2014.

  
\_\_\_\_\_  
Notary Public

My Commission expires: Feb 28<sup>th</sup>, 2017



**Enclosure 2**

**AFFIDAVIT of Peter S. Hastings**


**Comprehensive Vibration Assessment Program - Vibration Analysis Technical Report  
Contents Slides**



disclosure of which could adversely affect our competitive position by informing competitors of the degree of maturity and viability of the program, thereby motivating them to increase efforts to develop competing technologies. All or part of the approach described in the withheld material may be patentable for which it may be desirable to seek patent protection or which may be maintained as trade secret information.

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I declare under penalty of perjury under the laws of the United States of America that the foregoing is a true and correct statement of facts.

  
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Peter S. Hastings

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