

December 24, 2013

COMPANY: GENERATION MPOWER, LLC.

DESIGN: B&W MPOWER™ SMALL MODULAR REACTOR DESIGN

SUBJECT: SUMMARY OF OCTOBER 29, 2013 PUBLIC MEETING WITH GENERATION MPOWER REGARDING ANTICIPATED TRANSIENT WITHOUT SCRAM (ATWS) OVERVIEW AND REGULATORY CONFORMANCE EVALUATION

On October 29, 2013, a public meeting was held between the U.S. Nuclear Regulatory Commission (NRC), representatives of Generation mPower LLC (GmP), and members of the public at NRC Headquarters, Two White Flint North, 11545 Rockville Pike, Room T08-A01 Rockville, Maryland. The purpose of this meeting was to discuss the anticipated transient without scram (ATWS) overview and regulatory conformance evaluation.

The meeting began with a presentation on the ATWS overview. The pre-applicant presented on compliance with General Design Criteria (GDC) 26 and the ways they believe the mPower design meets the criterion. The NRC staff engaged Generation mPower in a discussion about meeting the two independent reactivity control systems. GmP will get back to the NRC on that particular topic. Next, the pre-applicant discussed the requirements in 10 CFR 50.62 and how the B&W mPower design would meet that criterion. The staff inquired if GmP thought they would need any exemptions to meet the regulation. The public then had a chance to ask questions. A member of the public asked the NRC staff if they thought any changes or exemptions would be needed for small modular reactors (SMRs) for 10 CFR 50.62. The staff said exemptions are always a path.

Next, GmP presented their regulatory conformance evaluation. They gave a summary of 12 regulations for consideration and their position on how they plan to conform to the regulation. They did not address standard review plans (SRPs) since they are covered via the design specific review standard (DSRS) process. For each regulation, GmP stated their position and an explanation of that position. GmP plans to address these positions in the design certification application (DCA). During the public opportunity to comment, a member of the public remarked about the availability in ADAMS of older background documents on topics such as ATWS. The NRC staff informed them that any specific publicly-available items can be requested to be added to ADAMS.

The meeting agenda and meeting attendees are included in Enclosures 1 and 2. Generation mPower slide presentations are available through the Agencywide Documents Access and Management System (ADAMS). The ADAMS accession numbers for the public slide presentations are ML13304A579 for ATWS overview and ML13304A581 for regulatory conformance evaluation. ADAMS is the system that provides text and image files of NRC's public documents. Documents are available electronically at the NRC's Electronic Reading Room at <http://www.nrc.gov/reading-rm/adams.html>. If you do not have access to ADAMS or have problems accessing the documents located in ADAMS, contact the NRC Public Document Room (PDR) staff at 1-800-397-4209, 301-415-4737, or pdr@nrc.gov.

Please direct any inquiries to me at 301-415-5864, email: Courtney.StPeters@nrc.gov, or Joelle Starefos at 301-415-6091, email: Joelle.Starefos@nrc.gov.

Sincerely,
/RA/

Courtney St. Peters, Project Manager
Small Modular Licensing Branch 1
Division of Advanced Reactors and
Rulemaking
Office of New Reactors

Project No.: 0776

Enclosure:

1. Agenda
2. List of Attendees

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Please direct any inquiries to me at 301-415-5864, or Courtney.StPeters@nrc.gov, or Joelle Starefos at 301-415-6091 (Joelle.Starefos@nrc.gov).

Sincerely,
/RA/

Courtney St. Peters, Project Manager
Small Modular Licensing Branch 1
Division of Advanced Reactors and
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AGENDA

AGENDA FOR PUBLIC MEETING BETWEEN GENERATION MPOWER LLC. AND THE U.S. NUCLEAR REGULATORY COMMISSION (NRC) STAFF

TUESDAY, OCTOBER 29, 2013; 8:30 a.m. - 12:00 p.m.
TWO WHITE FLINT NORTH, ROOM T08-A01

| TIME | TOPIC | LEAD |
|------------------|--------------------------------------|------------------------|
| 8:30am-8:35am | Opening Remarks & Introductions | NRC/ Generation mPower |
| 8:35am-10:30am | ATWS Overview | Generation mPower |
| 10:30am- 10:35am | Public Opportunity to Comment | Public |
| 10:35am-10:45am | Break | All |
| 10:45am-11:55am | Regulatory Conformance Evaluation | Generation mPower |
| 11:55am- 12:00pm | Public Opportunity to Comment | Public |
| 12:00pm | Adjourn | All |

ATTENDANCE LIST

PUBLIC MEETING BETWEEN GENERATION MPOWER LLC. AND THE U.S. NUCLEAR REGULATORY COMMISSION (NRC) STAFF October 29, 2013

| NAME | ORGANIZATION |
|------------------|---------------------|
| Jonathan Whitter | B&W mPower |
| Derek Butha | NuScale |
| Bob Tjader | NRC |
| Joe Williams | NRC |
| P.Y. Chen | NRC |
| Stu Magruder | NRC |
| Mike Childerson | B&W mPower |
| Joe Donoghue | NRC |
| Swagata Som | NRC |
| Peter J. Kang | NRC |
| Stephen Koenick | NRC |
| Rick Pelton | NRC |
| Yanely Malave | NRC |
| Demetrius Murray | NRC |
| John Malloy | mPower |
| Jong E. Chang | B&W mPower |
| Eric Williams | B&W mPower |
| James Haldeman | Bechtel |
| Dennis Klom | Bechtel |
| Cyrus Afshar | NuScale |
| Steven Mirsky | NuScale |
| Pete Galliard | TVA |
| N.P. Kadambi | Consultant |
| Chester Poslusny | B&W mPower |
| William Slagle | B&W mPower |
| David Holt | mPower |

ATTENDANCE LIST

**PUBLIC MEETING BETWEEN GENERATION MPOWER LLC. AND THE U.S. NUCLEAR
REGULATORY COMMISSION (NRC) STAFF
October 29, 2013**

| NAME | ORGANIZATION |
|---------------------|---------------------|
| James Saldarini | Bechtel mPower |
| Darrell Gardner | Generation mPower |
| Tim Mossman | NRC |
| Jeff Schmidt | NRC |
| George Thomas | NRC |
| Joe Ashcraft | NRC |
| Joelle Starefos | NRC |
| Courtney St. Peters | NRC |
| Sandra M. Sloan | B&W mPower |
| James Gilmer | NRC |