

**Enclosure 3
PRA Status Update Slides
(Redacted)**

generation

*m***Power**

PRA Status Update

January 29, 2013

(Redacted Version)

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This is a pre-application document and includes preliminary B&W mPower Reactor design or design supporting information and is subject to further internal review, revision, or verification.

Agenda

PRA Status Update

- Provide update on PRA development schedule
- Discuss preliminary PRA results
- Example of use of PRA in design process
- **Conclusions and Future Actions**



PRA Development Schedule Update Timeline for PRA Completion

PRELIMINARY

[CCI per Affidavit 4(a)-(d)]



PRA Development Schedule Update Level 1

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PRELIMINARY

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[CCI per Affidavit 4(a)-(d)]



PRA Development Schedule Update Level 2

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PRELIMINARY

[CCI per Affidavit 4(a)-(d)]



PRA Development Schedule Update Internal Flooding

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PRELIMINARY

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[CCI per Affidavit 4(a)-(d)]



PRA Development Schedule Update SMA, SAMDA, and External Events

SMA

- []

SAMDA

- []

External Events

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PRELIMINARY

[CCI per Affidavit 4(a)-(d)]



PRA Development Schedule Update Fire

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PRELIMINARY

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[CCI per Affidavit 4(a)-(d)]



PRA Development Schedule Update Low Power and Shut Down

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PRELIMINARY

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[CCI per Affidavit 4(a)-(d)]

Preliminary Level 1 Results Discussion

- Preliminary results do not include fire, flood or external events
- The CDF will be revised after factoring in these events

PRELIMINARY

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**PRA in Design Process
Simplified ADV Configurations**

PRELIMINARY

Conclusions and Future Actions

PRELIMINARY