

Attachment 3

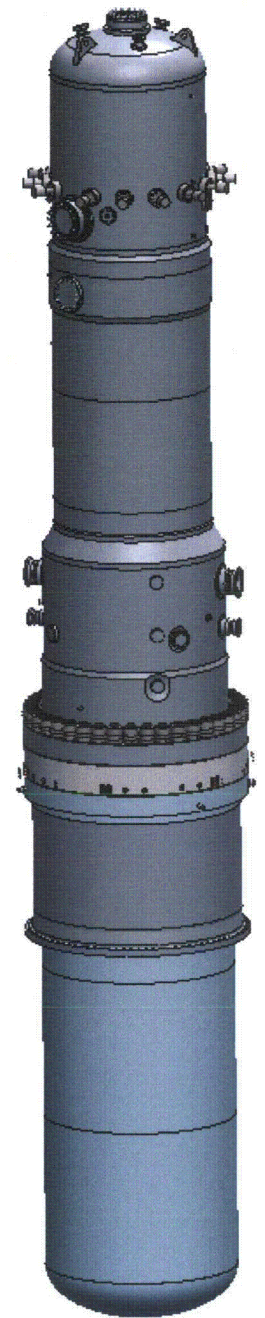
Reactor Overview Slides (Non-Proprietary)

generation *mPower*

Reactor Overview

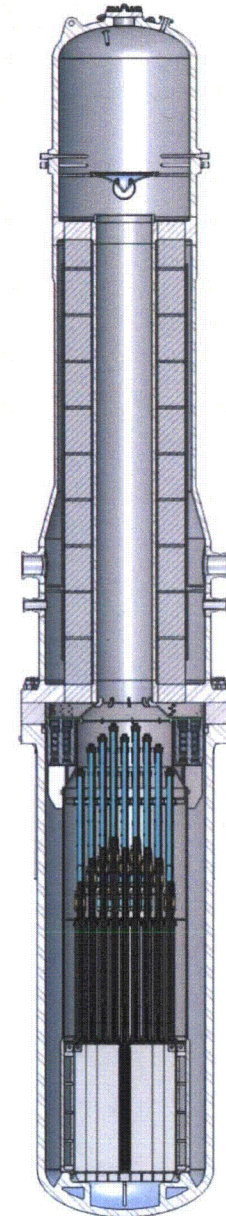
August, 2011

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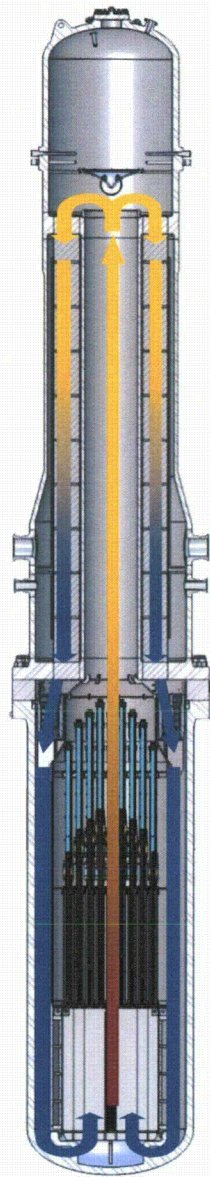


B&W mPower Reactor

Design Characteristics	
Reactor Type	PWR
Thermal Power	500 MWt
Integral Vessel <i>Pressurizer</i> <i>Steam Generator</i> <i>Reactor</i>	[
Internal CRDMs	
Passively Safe	
Rail Shippable] [CCI per Affidavit 4(a)-(d)]
Fuel Assemblies	17x17 fuel pin array



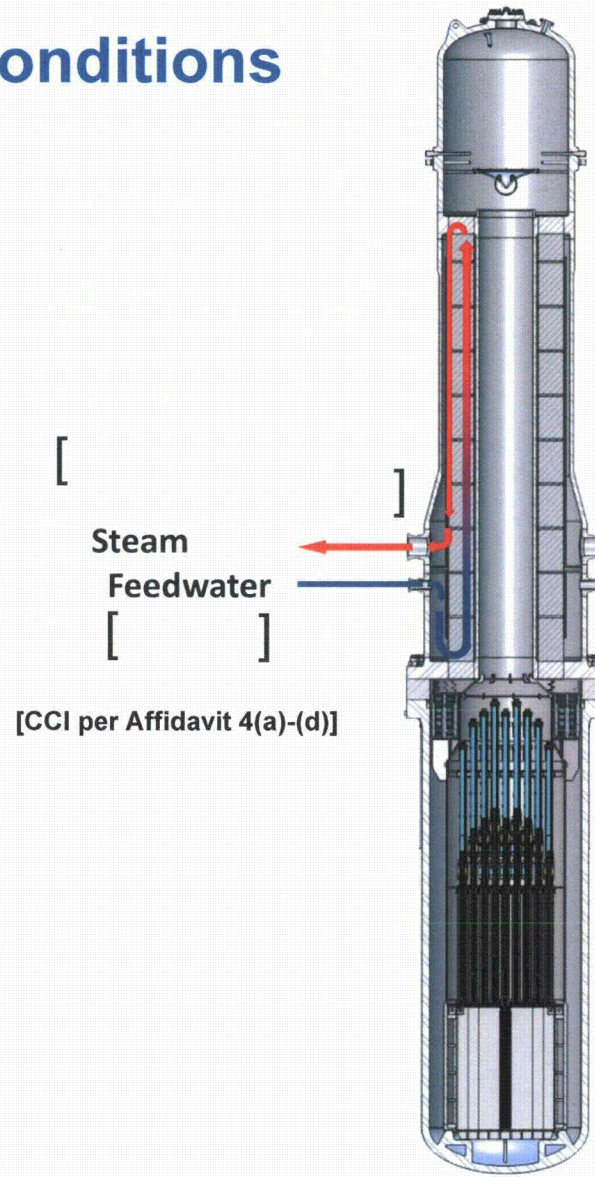
Operating Conditions



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

2050 psia (639F Tsat)
608°F Core outlet

Primary Loop



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

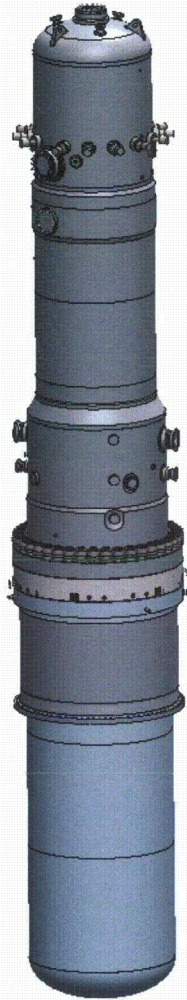
Secondary Loop

[

Pressure Boundary

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

B&W *mPower* Reactor [



mPower Reactor

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

Pressurizer

[

]

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

Steam Generator

[

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

]

Upper Internals Assembly

[

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

Lower Vessel & Core Support

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

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[

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