

generation

*m***Power**

***Electrical Design and Selected BOP
Systems
Redacted***

March 21, 2012

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Electrical Single Line

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Basis for Class 1E Battery Layout

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Above Design Attributes Still Under Evaluation



DC Power System

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DC Power System

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

Battery Layout

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[CCI per Affidavit 4(a)-(d)] **Battery Layout**

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Control Room Ventilation

MCR Ventilation System Design Summary

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Basic Control Room Layout

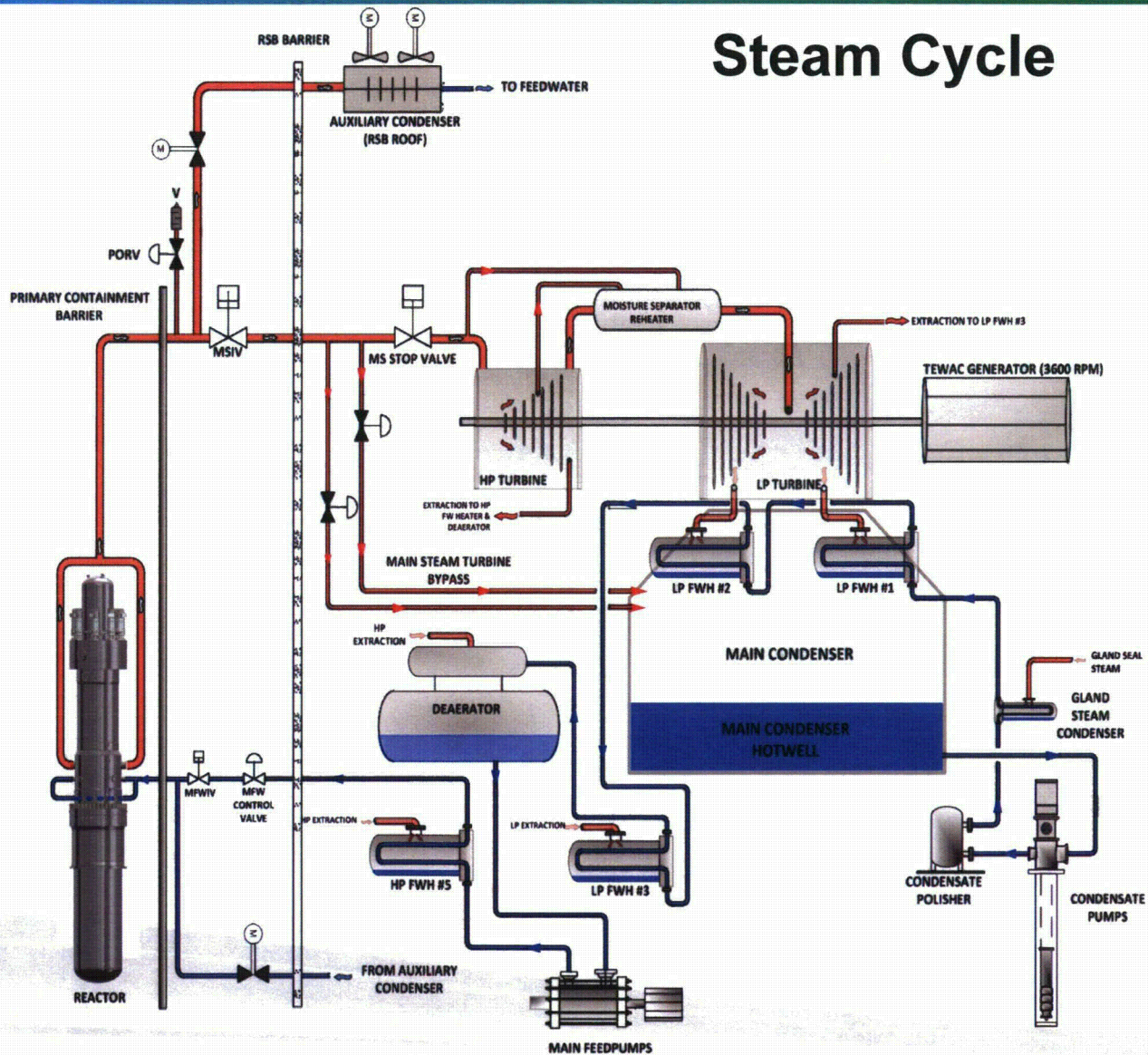
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Turbine and Steam Cycle

Steam Cycle





Turbine Design

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Cooling Water System



Component Cooling Water System

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CCW and CHW (heat sink of CCW) Description

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CCW Operating Modes

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Spent Fuel Pool Cooling System Design



SFPCCS Design

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SFPCCS Description

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SFPCCS Design

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