

Remote Handled Transuranic Waste (RH-TRU) *Sodium Distillation System Update*



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Sodium Distillation System Update

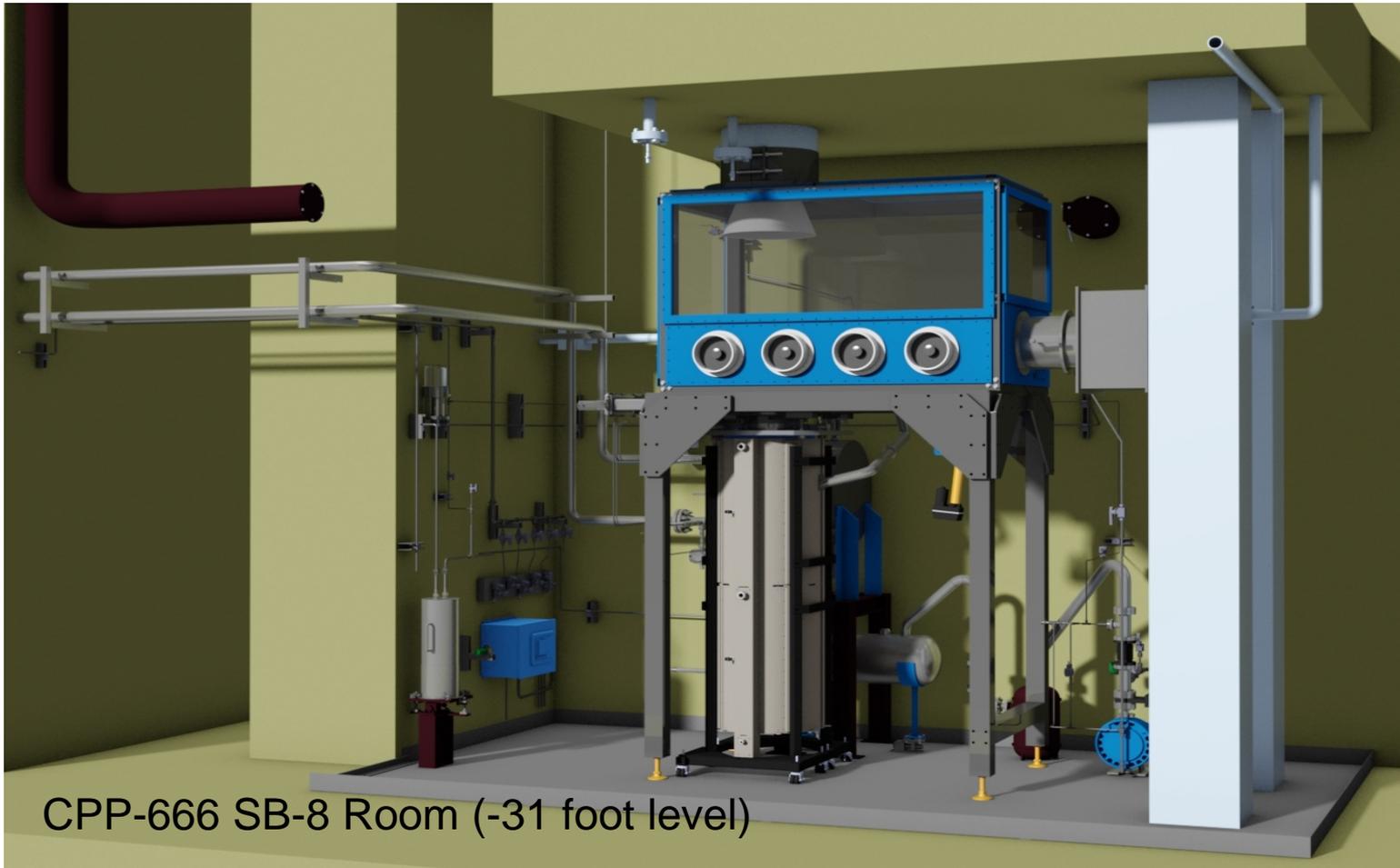
Sodium Distillation System (SDS)

- *Completed installation of components in building CPP-666*
- *Commenced testing of the system components*
- *System Operability Tests*
- *Management Self Assessment*
- *Contractor Readiness Assessment*
- *Start operations in June 2014*



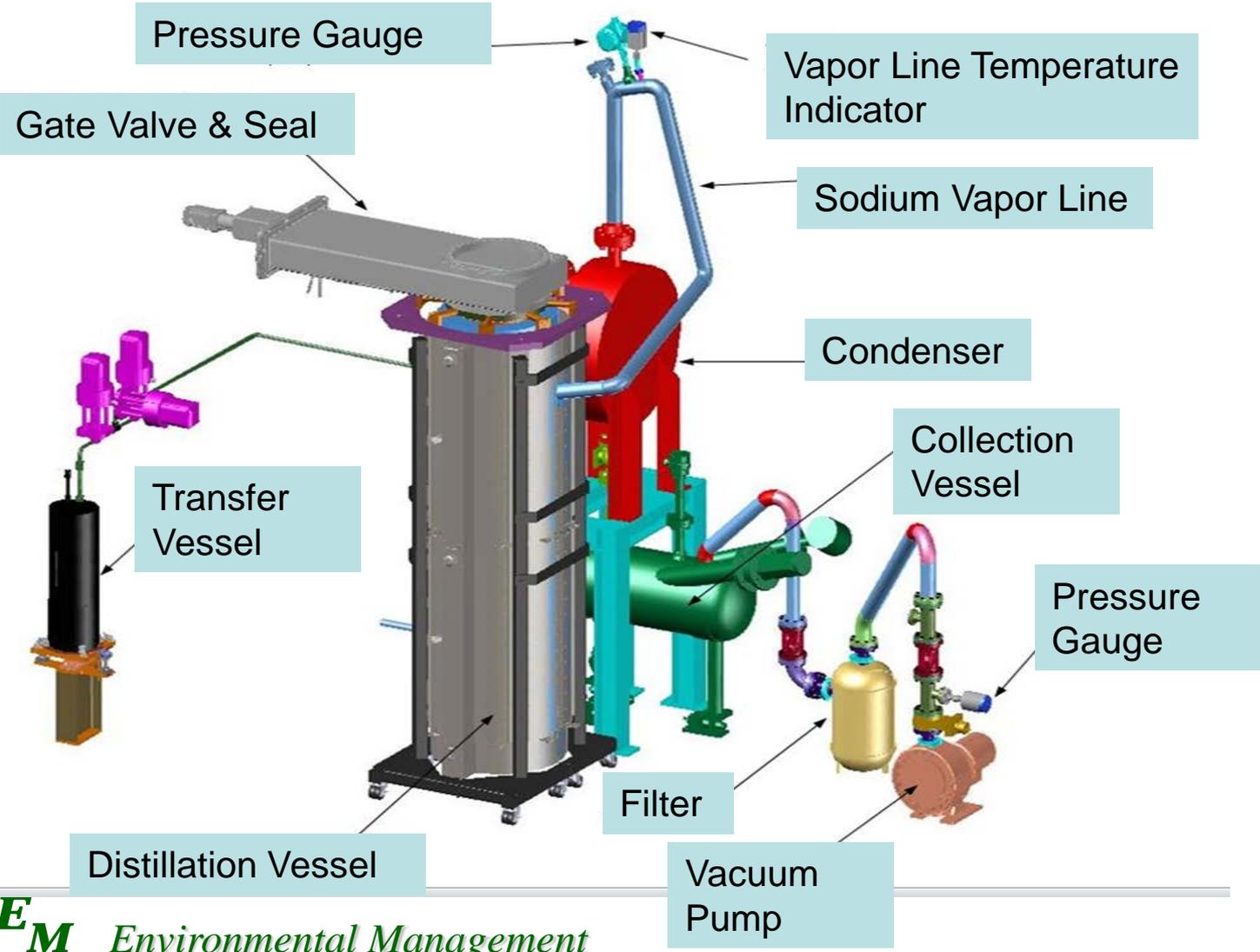
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Sodium Distillation System as installed



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Sodium Distillation Process



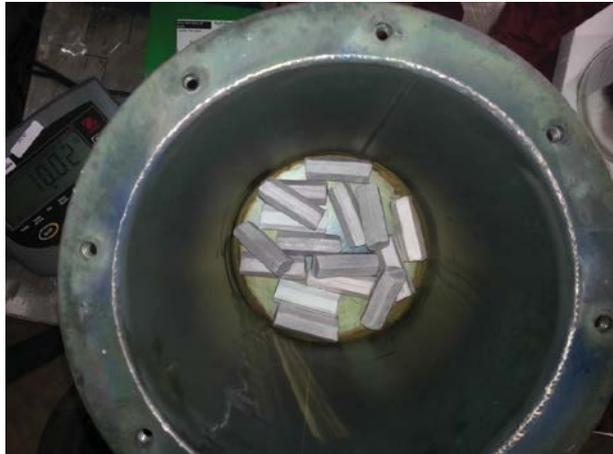
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Sodium Distillation Test Fixture and Test Bucket



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Sodium Distillation Test Fixture



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SDS Surrogate Waste Test



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SDS Surrogate Waste Loaded into the Vessel



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SDS Post Distillation Test Examination

The surrogate waste was removed from the distillation vessel and visually inspected for Sodium. No residual Sodium was identified.



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Dashboard Summary for ICP RH-TRU Program

Key Questions	Dashboard Indicator	Comments
Budget Concerns and Issues		The project initially cost more to start than planned, but operational efficiencies continue to be realized reducing the costs of the overall project.
Employment/Economic Conditions		The RH-TRU program will operate through FY 2016 uninterrupted.
Affect on Agreements		The project is on schedule to meet the agreements and milestones.
Safety and Environment		Final disposition of RH-TRU waste is being accomplished safely.
Impact on clean-up DOE wide		RH-TRU capabilities can be used by other sites.



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