

{Black text in a cell is based on other black text in the same row.}

Operator Action		Evaluation Time ¹	Validation Time	Location	Thermal conditions	Radiological Conditions	Evaluation
1	SAWA manual valve alignment in RB - 3 valves	0-1 hour	{Insert validation time}	RB ground floor 20' elevation	Done in the first hour, so no concerns.	Done in the first hour, so no concerns.	Acceptable
2	Open RB roof hatch for ventilation	0-1 hour	{Insert validation time}	RB refueling floor	Done in the first hour, so no concerns.	Done in the first hour, so no concerns.	Acceptable
3	Pneumatic hose connection	≤ 7 hours	{Insert validation time}	Between RB and TB in the seismic isolation space between the buildings. Near the vent pipe on Unit 2.	Outside, so ambient conditions	Action will be complete prior to venting start so no radiological concern. {Generic text if outside action completed before venting starts.}	Acceptable
4	HCVS Valves switch actuation and instrument monitoring	≤ 7 hours (approximate venting start)	{Insert validation time}	Main control room {insert ROS if not MCR for which last two columns will not be black text}	<120°F Per GOTHIC ² calculations performed for FLEX actions	MCR is removed from the vent pipes and RP actions will provide protection from any airborne activity	Acceptable MCR is a preferred location based on HCVS-FAQ-1.
5	Switch actuation for instrument backup power	≤ 7 hours (approximate venting start)	{Insert validation time}	Main control room {insert location if not MCR for which last two columns will not be black text}	<120°F Per GOTHIC ² calculations performed for FLEX actions	MCR is removed from the vent pipes and RP actions will provide protection from any airborne activity	Acceptable MCR is a preferred location based on HCVS-FAQ-1.

¹ Evaluation timing is from NEI 13-02 to support radiological evaluations.

² Calculation RWA-L-1312-003, BNP CB FLEX Room Heat-up Analysis

Operator Action		Evaluation Time ¹	Validation Time	Location	Thermal conditions	Radiological Conditions	Evaluation
6	Backup HCVS valve operation (if primary method fails)	≤ 7 hours (approximate venting start)	{Insert validation time}	RB 50' elevation at Remote Operating Station	121°F maximum Based on GOTHIC ³ evaluation. Short time action of approximately 5 minutes is acceptable.	Far from the Primary containment, shielded by intervening structures and concrete, no radiological concern.	Acceptable
7	SAWA pump staging and hose connection	≤ 7 hours	{Insert validation time}	East of RB near CST and RB	Outside, so ambient conditions	Opposite side of the RBs from the vent pipes, well shielded by structure and distance	Acceptable
8	SAWA pump operation and refueling	>7 hours (maximum injection start time is 8 hours)	{Insert validation time}	East of RB near CST and RB	Outside, so ambient conditions	Opposite side of the RBs from the vent pipes, well shielded by structure and distance	Acceptable
9	FLEX Generator connection and alignment	>24 hours	N/A - >24 hours	DG building	No heat sources in either structure during this event, so no thermal concern.	Concrete structure on the opposite side of the RB from the vent pipes, so no radiological concern	Acceptable
10	FLEX Generator operation and refueling	>24 hours	N/A - >24 hours	FLEX DG enclosure	Outside, vented enclosure, so near ambient conditions	Opposite side of the RBs from the vent pipes, well shielded by structure and distance, no radiological concern.	Acceptable

³ Calculation BNP-MECH-FLEX-0001 documents the Reactor Building Heatup Analysis

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11	Start/ operate and refuel FLEX air compressor	>24 hours	N/A - >24 hours	Outside RB, east of the seismic isolation space	Outside, so ambient conditions.	Shielded from containment and vent pipe by RB concrete walls, so no dose concern.	Acceptable No thermal or radiological concerns.