

# French Nuclear Fleet

General info			SCC [Stress Corrosion Cracking]				Planned work		Status		Comments
Reactor	GEN	MWe	RIS	RRA	Status	Risk RRA or RIS	10-year Safety Review	"Grand Carénage"	Dec 12th 2022		
Bugey 2	CP0	910	ND	ND	Will be checked by 2024	Low	VD4 2020	Done	ON	5 days stop from 2022/12/05 to 2022/12/09 Circuits reconstructed after having been dismantled for diagnostic. No corrosion found.	
Bugey 3	CP0	910	ND	ND	Inspection 2024 to 2025	Low	VD4 2024		ON		
Bugey 4	CP0	880	NO	NO	Reconstruction completed		VD4 2020	Done	ON		
Bugey 5	CP0	880	ND	ND	Will be checked by 2024	Low	VD4 2022: DONE	Done	ON		
Blayais 1	CP1	910	ND	ND	Will be checked by 2024	Low	VD4 2022: WIP	WIP	RST Feb 1st		
Blayais 2	CP1	910	ND	ND	Will be checked by 2024	Low	VD4 2024		ON		
Blayais 3	CP1	910	ND	ND	Will be checked by 2024	Low	VD4 2026		ON		
Blayais 4	CP1	910	ND	ND	Will be checked by 2024	Low	VD4 2026		ON		
Dampierre 1	CP1	890	ND	ND	Will be checked by 2024	Low	VD4 2022: DONE	Done	ON		
Dampierre 2	CP1	890	ND	ND	Will be checked by 2024	Low	VD4 2022: WIP	WIP	RST (2/2) Dec 19th	0,84375	
Dampierre 3	CP1	890	ND	ND	Will be checked by 2024	Low	VD4 2024		ON	Fuel saving stops	
Dampierre 4	CP1	890	ND	ND	Will be checked by 2024	Low	VD4 2025		ON		
Gravelines 1	CP1	910	ND	ND	Will be checked by 2024	Low	VD4 2022: DONE	Done	ON		
Gravelines 2	CP1	910	ND	ND	Will be checked by 2024	Low	VD4 2024		ON		
Gravelines 3	CP1	910	ND	ND	Will be checked by 2024	Low	VD4 2022: WIP	WIP	RST (1/2) Dec 13th		
Gravelines 4	CP1	910	ND	ND	Will be checked by 2024	Low	VD4 2024		RST Jan 8th		
Gravelines 5	CP1	910	ND	ND	Will be checked by 2024	Low	VD3 2016		ON		
Gravelines 6	CP1	910	ND	ND	Will be checked by 2024	Low	VD3 2020		ON		
Tricastin 1	CP1	915	ND	ND	Will be checked by 2024	Low	VD4 2019	Done	RST (2/2) Dec 15th		
Tricastin 2	CP1	915	ND	ND	Will be checked by 2024	Low	VD4 2021	Done	ON		
Tricastin 3	CP1	915	NO	NO	Reconstruction completed		VD4 2022: DONE	Done	ON	Circuits reconstructed after having been dismantled for diagnostic. No corrosion found.	
Tricastin 4	CP1	915	ND	ND	Will be checked by 2024	Low	VD4 2025		ON		
Chinon B1	CP2	905	ND	ND	Will be checked by 2024	Low	VD4 2024		ON		
Chinon B2	CP2	905	ND	ND	Will be checked by 2024	Low	VD3 2016		ON		
Chinon B3	CP2	905	NO	(YES)	Reconstruction completed		VD3 2019		ON	SCC detected on a single faulty weld. Not a generic defect.	
Chinon B4	CP2	905	ND	ND	Will be checked by 2024	Low	VD3 2020		ON		
Cruas 1	CP2	915	ND	ND	Will be checked by 2024	Low	VD4 2026		ON		
Cruas 2	CP2	915	ND	ND	Will be checked by 2024	Low	VD3 2018		ON		
Cruas 3	CP2	915	ND	ND	Will be checked by 2024	Low	VD4 2025		ON		
Cruas 4	CP2	915	ND	ND	Will be checked by 2024	Low	VD3 2016		ON		
Saint-Laurent 1	CP2	915	ND	ND	Will be checked by 2024	Low	VD4 2025		ON		
Saint-Laurent 2	CP2	915	ND	ND	Will be checked by 2024	Low	VD4 2023		ON	Fuel saving stops	
Flammanville 1	P4	1330	ND	ND	Will be checked by 2024	Low	VD3 2018		RST (2/2) Dec 25th		
Flammanville 2	P4	1330	(YES)	?	Reconstruction completed		VD3 2019		ON	SCC detected on a single faulty weld. Not a generic defect.	
Paluel 1	P4	1300	ND	ND	Will be checked by 2024	Low	VD3 2017		ON		
Paluel 2	P4	1300	ND	ND	Will be checked by 2024	Low	VD3 2017		ON		
Paluel 3	P4	1300	ND	ND	Will be checked by 2024	Low	VD3 2018		ON		
Paluel 4	P4	1300	ND	ND	Will be checked by 2024	Low	VD3 2019		ON		
Saint-Alban 1	P4	1335	ND	ND	Will be checked by 2024	Low	VD3 2017		ON		
Saint-Alban 2	P4	1335	ND	ND	Will be checked by 2024	Low	VD3 2018		RST (2/2) Dec 23th		
Belleville 1	P'4	1310	ND	ND	Will be checked in 2023	Med/High	VD3 2020		ON		
Belleville 2	P'4	1310	ND	ND	Will be checked in 2023	Med/High	VD3 2019		ON		
Cattenom 1	P'4	1300	YES	?	Work In Progress		VD3 2016		RST Feb 26th		
Cattenom 2	P'4	1300	ND	ND	Will be checked in 2023	Med/High	VD3 2018		ON		
Cattenom 3	P'4	1300	YES	?	Work In Progress		VD3 2021		RST Feb 26th		
Cattenom 4	P'4	1300	NO	NO	Reconstruction completed		VD3 2023		ON	Circuits reconstructed after having been dismantled for diagnostic. No corrosion found.	
Golfech 1	P'4	1310	ND	ND	Inspection in progress		VD3 2022: WIP		RST Feb 18th		
Golfech 2	P'4	1310	ND	ND	Will be checked in 2023	Med/High	VD3 2025		ON		
Nogent 1	P'4	1310	ND	ND	Will be checked in 2023	Med/High	VD3 2019		ON		
Nogent 2	P'4	1310	ND	ND	Will be checked in 2023	Med/High	VD3 2020		ON		
Penly 1	P'4	1330	YES	?	Work In Progress		VD3 2021		RST Feb 13th		
Penly 2	P'4	1330	YES	?	Work not yet started		VD3 2024		RST Feb 11th		
Chooz B1	N4	1500	YES	?	Work In Progress		VD2 2020		RST Jan 29th		
Chooz B2	N4	1500	YES	?	Work In Progress		VD2 2019		RST Jan 22th		
Civaux 1	N4	1495	YES	?	Reconstruction completed		VD2 2022: WIP		RST Jan 8th		
Civaux 2	N4	1495	YES	?	Work In Progress		VD2 2022?		RST Jan 14th		
									% ON or Ramp Up	40	
									OFF	16	
									% ON or R-U	71%	
<b>Best case scenario</b>				<b>Worst case scenario</b>							
	Capa	Max Prod				Max Prod					
	ON	R-U	Tot	%TC	TC = Total Capacity	Tot	%TP				
Total Capacity [GW]	61,3										
In service on Dec 12th	41,5	0,0	41,5	68%	Incl. 50% Ramp-Up						
In service on Dec 15th	41,5	0,9	41,9	68%	Incl. 50% Ramp-Up	37,3	61%	No R-U & remaining prod 10% down			
In service on Jan 1st	46,9		46,9	77%		39,9	65%	70% RST 1/2 Dec, 50% RST 2/2 Dec & remaining prod 10% down			

R-U = Ramp Up

RST: Restart

WIP = Work in Progress

Dates = REMIT = best case scenario [generally delayed]