

List of Uranium Tailing Facilities Dams (Orano Mining)

Name of the tailings facility	Location: town Department/ Country	Ownership	Status	Year of initial operation	Year of closure	Building materials and raising method	Dimensions (m) Maximum height/ length	Stored tailings tonnage (Mt)	Planned added tailings storage impoundment volume in 5 years' time (Mt)	Date of the last independent expert review	Existence of relevant document with all data on tailing facility?	Safety factor*	Which guidelines are applied?	Last known incident	Internal and external monitoring	Risk assessment study?	Is there a remediation plan?	Resistance studies for the extreme weather events as a result of climate change?	Any other relevant information and documentation support?
Bois Noirs Limouzat	St Priest la Prugne (42 - FR)	Orano Mining = 100%	closed	1958	1980	Waste rocks / Vertical	42/508	1.3	0	2018	yes	1.6	French regulations and international guidelines	-	Inspection, maintenance, topo, piezo / expert review each year, authorities review	yes	Already remediated / Water cover (18 ha)	no	Expert report
Ecarpière	Gétigné (44 - FR)	Orano Mining = 100%	closed	1958	1990	Cycloned sands / Vertical then upstream	60/1,100	11.5	0	2015	yes	2.76	French regulations and international guidelines	-	Inspection, maintenance, topo, piezo, flows / expert review (5 years)	no - not mandatory by regulation	Already remediated / Solid cover	no	Expert report
Brugeaud	Bessines sur Gartempe (87 - FR)	Orano Mining = 100%	closed	1978	1987	Cycloned sands / Upstream and vertical on the sides	22/500	7.3	0	2015	yes	2.07	French regulations and international guidelines	-	Inspection, maintenance, topo, piezo / expert review (5 years)	no - not mandatory by regulation	Already remediated / Solid cover	no	Expert report
Lavaugrasse	Bessines sur Gartempe (87 - FR)	Orano Mining = 100%	closed	1958	1978	Cycloned sands / Vertical	36/1,400	7.5	0	2015	yes	2.76	French regulations and international guidelines	-	Inspection, maintenance, topo, piezo / expert review (5 years)	no - not mandatory by regulation	Already remediated / Solid cover	no	Expert report
Montmassacrot	Bessines sur Gartempe (87 - FR)	Orano Mining = 100%	closed	1987	1990	Cycloned sands / Vertical	20/200	0.7	0	2015	yes	1.69	French regulations and international guidelines	-	Inspection, maintenance, topo, piezo / expert review (5 years)	no - not mandatory by regulation	Already remediated / Solid cover	no	Expert report
Bernardan	Jouac (87 - FR)	Orano Mining = 100%	closed	1978	2001	Cycloned sands / Vertical	22/1,700	1.9	0	2015	yes	1.81	French regulations and international guidelines	-	Inspection, maintenance, topo, piezo / expert review (5 years)	no - not mandatory by regulation	Already remediated / Solid cover	no	Expert report
St Martin du Bosc	Bosc et Soumont (34 - FR)	Orano Mining = 100%	closed	1978	1997	Waste rocks / Vertical then upstream	45/400	4.1	0	2017	yes	1.53	French regulations and international guidelines	-	Inspection, maintenance, piezo, flow / expert review (5 years)	no - not mandatory by regulation	Already remediated / Solid cover	no	Expert report
Bertholène	Bertholène (12 - FR)	Orano Mining = 100%	closed	1985	1991	Waste rocks / Vertical	50/110	0.5	0	2017	yes	1.96	French regulations and international guidelines	-	Inspection, piezo, flow / expert review (5 years)	no - not mandatory by regulation	Already remediated / Solid cover	no	Expert report
Saint Pierre du Cantal	St Pierre du Cantal (15 - FR)	Orano Mining = 100%	closed	1976	1985	Waste rocks / Vertical	15/140	0.6	0	2017	yes	3.14	French regulations and international guidelines	-	Inspection, maintenance / expert review (5 years)	no - not mandatory by regulation	Already remediated / Solid cover	no	Expert report
COMUF	Mounana (Gabon)	Orano Mining = 75% Gabonese State = 25%	closed	1990	1997	Waste rocks / Vertical + downstream	13/200	0.7	0	2017	yes	-	International guidelines	-	Inspection, maintenance, topo, flows / expert review (5 years)	no	Already remediated / Water cover (20 ha)	no	Expert report
SOMAIR	Arlit (Niger)	Orano Mining = 63.4% SOPAMIN = 36.6%	Operating	1971	-	Waste rocks / banco / Vertical	5 to 11/3,500	23	3,2	-	-	-	International guidelines	2010: outflow on the mining site ; 2019: after exceptional rainfall, outflow on the industrial site without any environmental consequences	Inspection, pond levels	no - not mandatory by regulation	Yes - by reprofiling and cover	no	-
COMINAK	Akokan (Niger)	Orano Mining = 34% SOPAMIN = 31% OURD = 25% ENUSA = 10%	Operating	1978	-	Waste rocks / banco / Vertical	5 to 11/1,400	18	0,5	-	-	-	International guidelines	-	Inspection, pond levels	no - not mandatory by regulation	Yes - by reprofiling and cover	no	-

* Safety factor (according to geotechnical recommendation > 1.5)