

國際間營運中之濕式貯存設施共 30 座

更新日期：2023.1.17

國家	濕式貯存設施名稱	啟用年分	位置	Scale	備註
比利時(1)	Tihange NPP Site	1997	Liege	Commercial	
保加利亞(1)	Kozloduy NPP Site – Wet Storage	1984	Kozloduy District	Commercial	
芬蘭(3)	Loviisa NPP Site (Spent Fuel Storage 1)	1980	Loviisa	Commercial	
	Loviisa NPP Site (Spent Fuel Storage 2)	1985	Loviisa	Commercial	
	Olkiluoto NPP Site, TVO KPA	1987	Eurajoki	Commercial	
法國(4)	La Hague - C	1984	Manche	Commercial	
	La Hague - D	1986	Manche	Commercial	
	La Hague - E	1988	Manche	Commercial	
	La Hague - NPH	1981	Manche	Commercial	
俄羅斯(6)	Kursk NPP Site	1986	Kurskaya Oblast	Commercial	
	Leningrad NPP Site	1984	Leningradskaya Oblast	Commercial	
	Novovoronezh NPP Site	1986	Voronezhskaya Oblast	Commercial	
	RT-1, Mayak, Reprocessing Plant Site	1975	Chelyabinskaya Oblast	Commercial	
	VVER-1000 SNF wet storage facility	1985	Krasnoyarskaya Oblast	Commercial	
	Smolensk NPP Site	1996	Smolenskaya Oblast	Commercial	
斯洛伐克(1)	Bohunice NPP Site SFSF	1987	Trnavsky kraj	Commercial	
瑞典(1)	Clab ISF	1985	Kalmar	Commercial	
烏克蘭(1)	Chernobyl NPP Site	1986	Kyiv	Commercial	
義大利(1)	Deposito Avogadro	1982	Vercelli	Commercial	
英國(5)	DOUNREAY Fuel Storage Facility	1982	Caithness	Commercial	
	NDA Sellafield B27 Pond	1964	Cumbria	Commercial	
	NDA Sellafield Fuel Handling Plant	1986	Cumbria	Commercial	
	NDA Sellafield Pond 4	1981	Cumbria	Commercial	
	NDA Thorp RT and ST-1,2	1988	Cumbria	Commercial	

美洲	美國(1)	Morris Reprocessing Plant Site	1984	Illinois	Commercial	
	阿根廷(1)	Atucha SF Storage Facility	1988	Buenos Aires	Commercial	
亞洲	中國(1)	Centralized Wet Storage Facility (CWSF)	2003	Gansu	Commercial	
	印度(1)	Tarapur (AFR)	1990	Maharashtra	Commercial	
	日本(1)	Rokkasho Spent Fuel Storage	1999	Aomori-prefecture	Commercial	
	印尼(1)	Interim storage for spent Fuel	2006	Banten	Commercial	

國際間營運中之乾式貯存設施共 145 座(另有 7 座規劃中、5 座興建中、1 座興建完成待啟用)

更新日期：2023.01.18

國家	乾式貯存設施名稱	護箱型式	啟用年分	位置	Scale	備註	
歐洲	德國 (16)	Ahaus Central Storage Facility	金屬護箱	1997	North Rhine Westphalia	Commercial	室內貯存
		Biblis NPP On-Site Storage Facility	金屬護箱	2005	Hessen	Commercial	室內貯存
		Brokdorf NPP On-Site Storage Facility	金屬護箱	2007	Schleswig-Holstein	Commercial	室內貯存
		Brunsbuettel NPP On-site Storage Facility	金屬護箱	2006	Schleswig-Holstein	Commercial	室內貯存
		Grafenrheinfeld NPP On-site Storage Facility	金屬護箱	2005	Bavaria	Commercial	室內貯存
		Grohnde NPP On-site Storage Facility	金屬護箱	2005	Lower Saxony	Commercial	室內貯存
		Gundremmingen NPP On-site Storage Facility	金屬護箱	2006	Bavaria	Commercial	室內貯存
		Gorleben Central Storage Facility	金屬護箱	1995	Lower Saxony	Commercial	室內貯存
		Greifswald Interim Storage Facility	金屬護箱	1999	Mecklenburg-Vorpommern	Commercial	室內貯存 靠近海邊
		Greifswald Interim Storage Facility North ESTRAL	金屬護箱	規劃中	Mecklenburg-Vorpommern	Commercial	室內貯存 靠近海邊
		Isar NPP On-site Storage Facility	金屬護箱	2007	Bavaria	Commercial	室內貯存
		Krümmel NPP On-site Storage Facility	金屬護箱	2006	Schleswig-Holstein	Commercial	室內貯存
		Lingen NPP On-site Storage Facility	金屬護箱	2002	Lower Saxony	Commercial	室內貯存
		Neckarwestheim NPP On-Site Storage Facility	金屬護箱	2006	Baden-Wuerttemberg	Commercial	室內貯存
		Philippsburg NPP On-Site Storage Facility	金屬護箱	2006	Baden-Wuerttemberg	Commercial	室內貯存
		Unterweser NPP On-Site Storage Facility	金屬護箱	2007	Lower Saxony	Commercial	室內貯存
歐	捷克	ISFSF Dukovany	金屬護箱	1995	South Moravia	Commercial	室內貯存

洲	(3)	ISFSF Dukovany	金屬護箱	2008	South Moravia	Commercial	室內貯存
		ISFSF Temelin	金屬護箱	2012	Southern Bohemia	Commercial	室內貯存
	匈牙利(1)	Paks NPP Site ISFSF	混凝土貯存窖	1997	Tolna	Commercial	室內貯存
	斯洛伐克 (1)	Mochovce NPP Site SFSF	混凝土護箱	規劃中	Mochovce	Commercial	
	斯洛維尼亞 (1)	Krsko NPP Site SFSF	混凝土護箱	興建中	Krsko	Commercial	預計 2023 啟用
	比利時 (3)	Doel NPP Site (high level waste)(1 期)	金屬護箱	1995	Flandre Orientale	Commercial	室內貯存 靠近海邊
		Spent Fuel Storage Facility Doel(2 期)	金屬護箱	興建中	Flandre Orientale	Commercial	室內貯存 靠近海邊
		Spent Fuel Storage Facility Tihange	金屬護箱	興建中	Liege	Commercial	室內貯存 預計 2023 啟用
	保加利亞 (1)	Kozloduy NPP Site - Dry Storage	混凝土護箱	2011	Kozloduy District	Commercial	室內貯存
	立陶宛 (2)	Existing Dry Spent Fuel Storage Facility - Ignalina	混凝土護箱 金屬護箱	1998	Lithuania	Commercial	
		New Dry Spent Fuel Storage Facility - Ignalina	混凝土護箱	2017	Lithuania	Commercial	室內貯存
	羅馬尼亞 (1)	Cernavoda NPP Site	混凝土模組	2003	Constanta	Commercial	採用 AECL 混凝土模組
	俄羅斯 (3)	Mining and Chemical Complex Site, Stage I	混凝土貯存窖	2011	Leningradskaya Oblast	Commercial	室內貯存
		RBMK 1000 SNF dry storage facility	混凝土護箱	2012	Krasnoyarsk	Commercial	室內貯存
		VVER-1000 SNF dry storage Facility	混凝土護箱	2016	Krasnoyarsk	Commercial	室內貯存
	西班牙 (8)	Ascó NPP	混凝土護箱	2010	Catalonia	Commercial	
		José Cabrera (Zorita) NPP	混凝土護箱	2009	Guadalajara	Commercial	
		Trillo NPP Site SFSF	金屬護箱	2002	Guadalajara	Commercial	室內貯存

		Almaraz NPP	金屬護箱	2018	Almaraz	Commercial	
		Santa María de Garoña NPP	金屬護箱	2018	Burgos	Commercial	
		Cofrentes NPP	金屬護箱	2021	Valencia	Commercial	2021.11 裝填
		Vandellós NPP	未定	規劃中	Tarragona	Commercial	
		Villar de Cañas(集中貯存設施)	混凝土貯存窖	規劃中	Cuenca	Commercial	
	瑞士 (2)	ZWILAG at Würenlingen	金屬護箱	2001	Aargau	Commercial	室內貯存
		Zwibez at Beznau	金屬護箱	2008	Aargau	Commercial	室內貯存
	烏克蘭 (3)	Zaporozhe NPP Site	混凝土護箱	2001	Zaparozhskaya Oblast	Commercial	
		Chernobyl NPP Site	混凝土模組	2021	Chernobyl	Commercial	2021.4 運轉執照
		集中貯存設施	混凝土護箱	興建中	Chernobyl	Commercial	
	英國 (2)	NDA Wylfa NPP Site	混凝土貯存窖	1979	Wales	Commercial	室內貯存
		Hinkley Point C	混凝土護箱	規劃中	Somerset	Commercial	
		Sizewell B	混凝土護箱	2016	Suffolk	Commercial	室內貯存
	荷蘭 (1)	HABOG(集中貯存設施_COVRA)	混凝土貯存窖	2003	Borsele	Commercial	室內貯存
		亞美尼亞 (2)	Dry Storage of Spent Nuclear Fuel Assemblies- Metzamor NPP Site	混凝土模組	2000	Metzamor	Commercial
Dry storage of Spent Nuclear Fuel Assemblies-Metzamor NPP Site			混凝土模組	2008	Metzamor	Commercial	
美洲	美國 (83)	Arkansas NPP Site ISFSI (GL)	混凝土護箱	1996.12	Arkansas	Commercial	
		Beaver Valley ISFSI (GL)	混凝土護箱	2015.3	Pennsylvania	Commercial	
		Big Rock Point NPP Site ISFSI (GL)	混凝土護箱	2002.11	Michigan	Commercial	
		Braidwood ISFSI (GL)	混凝土護箱	2011.11	Illinois	Commercial	
		Browns Ferry NPP Site ISFSI (GL)	混凝土護箱	2005.8	Alabama	Commercial	
		Brunswick NPP ISFSI (GL)	混凝土護箱	2010.6	North Carolina	Commercial	
		Byron NPP Site ISFSI (GL)	混凝土護箱	2010.10	Illinois	Commercial	
		Callaway ISFSI (GL)	混凝土護箱	2015.8	Missouri	Commercial	
		Calvert Cliffs NPP Site (SL)	混凝土護組	1992.11	Maryland	Commercial	靠近海邊

Catawba NPP ISFSI (GL)	混凝土護箱	2007.7	South Carolina	Commercial	
Clinton (GL)	混凝土護箱	2016.11	Illinois	Commercial	
Columbia NPP Site ISFSI (GL)	混凝土護箱	2002.9	Washington	Commercial	
Comanche Peak ISFSI (GL)	混凝土護箱	2012.4	Texas	Commercial	
Cooper ISFSI (GL)	混凝土模組	2010.10	Nebraska	Commercial	
Crystal River (GL)	混凝土模組	2017.9	Florida	Commercial	
Davis Besse NPP Site ISFSI (GL)	混凝土模組	1996.1	Ohio	Commercial	
D.C.Cook ISFSI (GL)	混凝土模組	2012.8	Michigan	Commercial	
Diablo Canyon NPP ISFSI (SL)	混凝土護箱	2004.3	California	Commercial	靠近海邊
Dresden NPP Site ISFSI (GL)	金屬護箱& 混凝土護箱	2007.5	Illinois	Commercial	
Duane Arnold NPP Site ISFSI (GL)	混凝土模組	2011.9	Iowa	Commercial	
Fermi 2 ISFSI (GL)	混凝土護箱	2014.7	Michigan	Commercial	
Fort Calhoun NPP Site ISFSI (GL)	混凝土模組	2006.7	Nebraska	Commercial	
Fort St. Vrain NPP ISFSI (SL)	混凝土貯存窖	1991.11	Colorado	Commercial	室內貯存
Grand Gulf NPP Site ISFSI (GL)	混凝土護箱	2006.11	Mississippi	Commercial	
H.B. Robinson NPP ISFSI (GL)	混凝土模組	1986.8	South Carolina	Commercial	
H.B. Robinson NPP ISFSI (SL)	混凝土模組	2005.8	South Carolina	Commercial	
Haddam Neck ISFSI (GL)	混凝土護箱	2004.8	Connecticut	Commercial	靠近海邊
Hatch NPP Site ISFSI (GL)	金屬護箱& 混凝土護箱	2001.6	Georgia	Commercial	
Hope Creek ISFSI (GL)	混凝土護箱	2006.11	New Jersey	Commercial	靠近海邊
Humboldt Bay ISFSI (SL)	混凝土護箱	2005.11	California	Commercial	靠近海邊,地 下式
Idaho Spent Fuel Facility ISFSI (SL)	混凝土貯存窖	2005.6	Idaho	Laboratory	室內貯存
Idaho National Lab (SL))	混凝土模組	1999.3	Idaho	Laboratory	
Indian Point ISFSI (GL)	混凝土護箱	2008.1	New York	Commercial	
James A. FitzPatrick NPP ISFSI (GL)	混凝土護箱	2005.9	New York	Commercial	
Joseph M. Farley NPP Site ISFSI (GL)	混凝土模組	2005.8	Alabama	Commercial	

	Kewaunee NPP ISFSI (GL)	混凝土模組	2009.9	Wisconsin	Commercial	
	LaCrosse ISFSI (GL)	混凝土護箱	2012.7	Wisconsin	Commercial	
	LaSalle County ISFSI (GL)	混凝土護箱	2010.11	Illinois	Commercial	
	Limerick NPP ISFSI (GL)	混凝土模組	2008.8	Pennsylvania	Commercial	
	Maine Yankee NPP Site ISFSI (GL)	混凝土護箱	2002.8	Maine	Commercial	靠近海邊
	McGuire NPP Site ISFSI (GL)	金屬護箱	2001.2	North Carolina	Commercial	
	Millstone NPP Site ISFSI (GL)	混凝土模組	2005.2	Connecticut	Commercial	靠近海邊
	Monticello ISFSI (GL)	混凝土模組	2013.9	Minnesota	Commercial	
	Nine Mile Point ISFSI (GL)	混凝土模組	2012.10	New York	Commercial	
	North Anna NPP (SL)	金屬護箱	1998.6	Virginia	Commercial	
	North Anna NPP site ISFSI (GL)	混凝土模組	2008.3	Virginia	Commercial	
	Oconee NPP site ISFSI (GL)	混凝土模組	1990.1	South Carolina	Commercial	
	Oconee NPP site ISFSI (SL)	混凝土模組	1999.3	South Carolina	Commercial	
	Oyster Creek NPP Site ISFSI (GL)	混凝土模組	2012.4	New Jersey	Commercial	靠近海邊
	Palisades NPP Site ISFSI (GL)	混凝土護箱& 混凝土模組	1993.5	Michigan	Commercial	
	Palo Verde NPP Site ISFSI (GL)	混凝土護箱	2006.8	Arizona	Commercial	
	Peach Bottom NPP Site ISFSI (GL)	金屬護箱	2000.6	Pennsylvania	Commercial	
	Perry ISFSI (GL)	混凝土護箱	2012.9	Ohio	Commercial	
	Pilgrim ISFSI (GL)	混凝土護箱	2015.1	Massachusetts	Commercial	
	Point Beach NPP Site ISFSI (GL)	混凝土護箱 &混凝土模組	1996.5	Wisconsin	Commercial	
	Prairie Island NPP ISFSI (SL)	金屬護箱	1993.10	Minnesota	Commercial	
	Private Fuel Storage ISFSI (SL)	混凝土護箱	2006.2	Utah	Commercial	
	Quad Cities NPP Site ISFSI (GL)	混凝土護箱	2005.12	Illinois	Commercial	
	Rancho Seco NPP ISFSI (SL)	混凝土模組	2000.6	California	Commercial	
	R.E. Ginna NPP ISFSI (GL)	混凝土模組	2010.3	New York	Commercial	
	River Bend NPP Site ISFSI (GL)	混凝土護箱	2005.12	Louisiana	Commercial	
	Salem ISFSI (GL)	混凝土護箱	2006.12	New Jersey	Commercial	

		San Onofre NPP Site ISFSI (GL)	混凝土模組	2003.10	California	Commercial	靠近海邊
		Seabrook ISFSI (GL)	混凝土模組	2008.8	New Hampshire	Commercial	靠近海邊
		Sequoyah NPP Site ISFSI (GL)	混凝土護箱	2004.7	Tennessee	Commercial	
		South Texas Project NPP Site ISFSI (GL)	混凝土護箱	2019.1	Texas	Commercial	新增
		St. Lucie NPP Site ISFSI (GL)	混凝土模組	2008.3	Florida	Commercial	靠近海邊
		Surry NPP ISFSI (GL)	金屬護箱	1986.7	Virginia	Commercial	
		Surry NPP Site ISFSI (SL)	混凝土模組	2007.8	Virginia	Commercial	
		Susquehanna NPP Site ISFSI (GL)	混凝土模組	1999.10	Pennsylvania	Commercial	
		Trojan NPP Site ISFSI (SL)	混凝土護箱	1999.3	Oregon	Commercial	
		Turkey Point ISFSI (GL)	混凝土模組	2011.7	Florida	Commercial	靠近海邊
		Vermont Yankee NPP ISFSI (GL)	混凝土護箱	2008.5	Vermont	Commercial	
		Vogtle ISFSI (GL)	混凝土護箱	2013.11	Georgia	Commercial	
		Virgil C. Summer ISFSI (GL)	混凝土護箱	2016.3	South Carolina	Commercial	
		Waterford Steam ISFSI (GL)	混凝土護箱	2011.11	Louisiana	Commercial	
		Watts Bar ISFSI (GL)	混凝土護箱	2016.10	Tennessee	Commercial	
		Yankee Rowe NPP Site ISFSI (GL)	混凝土護箱	2002.6	Massachusetts	Commercial	
		Zion ISFSI (GL)	混凝土護箱	2014.1	Illinois	Commercial	
		Consolidated Interim Storage Facility (WCS) (集中貯存 SL)	混凝土護箱	興建中	Texas	Commercial	2021.08 核發建照
		Eddy-Lea energy alliance storage facility (集中貯存 SL)	混凝土護箱	規劃中	New Mexico	Commercial	
		Wolf Creek NPP Site ISFSI (GL)	混凝土模組	2022.1	Texas	Commercial	2022.01 裝填
		Three Mile Island NPP Site ISFSI (GL)	混凝土護箱	2021.12	Pennsylvania	Commercial	2021.12 裝填
	阿根廷	Embalse SF Storage Facility	混凝土護箱	1993	Cordoba	Commercial	
	(2)	Atucha NPP ISFSI	貯存窖	2022	Buenos Aires	Commercial	室內貯存
美洲	加拿大	Bruce A and B NPP	混凝土護箱	2002	Ontario	Commercial	室內貯存
		Darlington NPP	混凝土護箱	2008	Ontario	Commercial	室內貯存
		Douglas Point NPP site	混凝土護箱	1987	Ontario	Commercial	
		Gentilly 1 NPP Site	混凝土護箱	1985	Quebec	Commercial	
	(9)						



		Gentilly 2 NPP Site	混凝土模組	1995	Quebec	Commercial		
		NPD Spent Fuel Storage(Chalk River Laboratories)	混凝土模組	1987	Ontario	Commercial		
		Pickering A and B NPP	混凝土護箱	1995	Ontario	Commercial	室內貯存	
		Point Lepreau NPP Site	混凝土護箱	1991	New Brunswick	Commercial	靠近海邊	
		Whiteshell Laboratories	混凝土護箱	1977	Manitoba	Commercial		
	墨西哥 (1)	Laguna Verde	混凝土護箱	2019	Laguna Verde	Commercial	靠近海邊	
	巴西 (1)	Almirante Alvaro Alberto Nuclear Center-CNAAA	混凝土護箱	2021	Angra	Commercial	2021.09	
	亞洲	中國 (1)	Qinshan-3	混凝土模組	2009	浙江	Commercial	靠近海邊
		印度 (3)	Tarapur NPP Site	混凝土護箱	1990	Maharashtra	Commercial	
			Rajasthan NPP Site	混凝土護箱	1994	Rajasthan	Commercial	
<a href="#">Kudankulam NPP site</a>			<a href="#">金屬護箱</a>	<a href="#">規劃中</a>	<a href="#">Tamil Nadu</a>	<a href="#">Commercial</a>	<a href="#">靠近海邊</a>	
日本 (3)		Fukushima Daiichi NPP Site SFSF	混凝土模組 <sup>*2</sup>	1995	Fukushima-prefecture	Commercial	靠近海邊*	
		Tokai II NPP Site SFSF	金屬護箱	2001	Ibaraki-prefecture	Commercial	室內貯存 靠近海邊	
		<a href="#">Recyclable-Fuel Storage Center</a>	<a href="#">金屬護箱</a>	<a href="#">待啟用</a>	<a href="#">Mutsu</a>	<a href="#">Commercial</a>	<a href="#">已通過審查尚須 徵詢公眾意見</a>	
哈薩克 (1)		Baikal	混凝土護箱	2008	Kurchatov	Commercial	Aktau 快滋生 反應器	
韓國 (1)		Wolsong Dry Storage	混凝土模組 &混凝土護箱	1992	Kyong Sang Buk-Do	Commercial	靠近海邊	
亞美尼亞 (1)		Metsamor NPP Site	混凝土模組	2000	Armavir Region	Commercial		
非洲	南非 (1)	Koeberg	金屬護箱	2007	Western Cape	Commercial	室內貯存	