

Table 8 | Early-Retirements for U.S. Reactors 2009-2025

Reactor	Owner	Decision Date	Closure/Expected Closure Date (last electricity generation)	Age at Closure (in years)	NRC 60-Year License Approval
Oyster Creek	Exelon	8 December 2010	December 2019 brought forward to 17 September 2018	49	Yes
Crystal River-3	Duke Energy	5 February 2013	26 September 2009	32	Application withdrawn
San Onofre-2 & -3	SCE/SDG&E	7 June 2013	January 2012	29 / 28	No application
Kewaunee	Dominion Energy	22 October 2012	7 May 2013	39	Yes
Vermont Yankee	Entergy	28 August 2013	29 December 2014	42	Yes
Pilgrim	Entergy	13 October 2015	31 May 2019	47	Yes
Diablo Canyon -1 & -2	PG&E	21 June 2016	November 2024 & August 2025	40	Suspended
Fort Calhoun	OPPD	26 August 2016	24 October 2016	43	Yes
Palisades	Entergy	8 December 2016/ 28 September 2017	2022	51	Yes
Indian Point-2 & -3	Entergy	9 January 2017	No later than 30 April 2020 / 30 April 2021	47 / 44	Yes
Three Mile Island-1	Exelon	30 May 2017	September 2019	45	Yes
Beaver Valley-1 & -2	First Energy	March 2018	2021 <sup>a</sup>	45/34	Yes
Davis Besse-1	First Energy	March 2018	2020 <sup>a</sup>	43	Yes
Perry	First Energy	March 2018	2021 <sup>a</sup>	35.5	Cancelled <sup>b</sup>

Notes

Sources: Various, compiled by WNISR, 2019

a - Early closure potentially reversed

b - According to the NRC, FENOC indicated that with the planned closure of Perry they no longer plan to submit a license renewal application<sup>422</sup>.  
 SCE: Southern California Edison; SDG&E: San Diego Gas & Electric; PG&E: Pacific Gas & Electric Company; OPPD: Omaha Public Power District