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Combined License Applications for New Reactors

By issuing a combined license (COL), the U.S. Nuclear Regulatory Commission (NRC) authorizes the licensee to construct and (with specified conditions) operate a nuclear power plant at a specific site, in accordance with established laws and regulations. A COL is valid for 40 years from the date of the Commission finding, under Title 10, Section 52.103 (g), of the *Code of Federal Regulations* [[10 CFR 52.103\(g\)](#)], that the acceptance criteria in the combined license are met. A COL can be renewed for an additional 20 years. The NRC expects to receive applications for new LWR facilities in a variety of projected locations throughout the United States.

- [Location of Projected New Nuclear Power Reactors](#)

In a COL application, the NRC staff reviews the applicant's qualifications, design safety, environmental impacts, operational programs, site safety, and verification of construction with ITAAC. The staff conducts its review in accordance with the [Atomic Energy Act](#), [NRC regulations](#), and the [National Environmental Policy Act](#). All stakeholders (including the public) are given notice as to how and when they may participate in the regulatory process, which may include participating in [public meetings](#) and [opportunities to request a hearing](#) on the issuance of a COL.

COL Applications Received

The links in the table below provide information on the COL applications that the NRC has received to date. The activities associated with reviewing these applications are reflected in the NRC's [consolidated schedule](#)  for docketed COL and design certification applications.

Proposed New Reactor(s)	Design	Applicant
Bell Bend Nuclear Power Plant	EPR	PPL Bell Bend, LLC
Bellefonte Nuclear Station Units 3 and 4	AP1000	Tennessee Valley Authority (TVA)
Callaway Plant Unit 2	EPR	AmerenUE
Calvert Cliffs Unit 3	EPR	Calvert Cliffs 3 Nuclear Project, LLC. and UniStar Nuclear Operating Services, LLC.
Comanche Peak Units 3 and 4	US-APWR	Luminant Generation Company, LLC (Luminant)
Fermi Unit 3	ESBWR	Detroit Edison Company
Grand Gulf Unit 3	ESBWR	Entergy Operations, Inc. (EOI)
Levy County Units 1 and 2	AP1000	Progress Energy Florida, Inc. (PEF)
Nine Mile Point Unit 3	EPR	Nine Mile Point Nuclear Project, LLC and UniStar Nuclear Operating Services, LLC (UniStar)
North Anna Unit 3	ESBWR	Dominion Virginia Power (Dominion)
River Bend Station Unit 3	ESBWR	Entergy Operations, Inc. (EOI)
Shearon Harris Units 2 and 3	AP1000	Progress Energy (PE)
South Texas Project Units 3 and 4	ABWR	South Texas Project Nuclear Operating Company (STPNOC)
Victoria County Station Units 1 and 2	ESBWR	Exelon Nuclear Texas Holdings, LLC (Exelon)
Virgil C. Summer Units 2 and 3	AP1000	South Carolina Electric & Gas (SCE&G)

Vogtle Units 3 and 4	AP1000	Southern Nuclear Operating Company (SNC)
William States Lee III Units 1 and 2	AP1000	Duke Energy

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