

1.4 Identification of Agents and Contractors

The ABWR was developed as an evolutionary design, incorporating US, Europe, and Japan BWR experience. Toshiba has engaged in the development, design, construction, and operation of boiling water reactors since 1966. Toshiba experience with the development, design, construction, and operation of boiling water reactors is shown in Table 1.4-1. Toshiba has engaged in the design and construction of three ABWRs currently in operation in Japan: Kashiwazaki-Kariwa 6 and 7 since the mid-1990s, and Hamaoka-5 since 2005.. As can be seen, Toshiba has substantial experience, knowledge, and capability to design, manufacture, and furnish technical assistance for the installation, startup, and operation of reactors.

Table 1.4-1 Commercial Nuclear Reactors Completed, Under Construction, or in Design by Toshiba

Plant Name	Rating (MWe)	Status	Year of Initial Operation
Tsuruga 1	357	In Operation	1970
Fukushima Daiichi 1	460	In Operation	1971
Fukushima Daiichi 2	784	In Operation	1974
Fukushima Daiichi 3	784	In Operation	1976
Hamaoka 1	540	Preparing for Decommissioning	1976
Fukushima Daiichi 5	784	In Operation	1978
Hamaoka 2	840	Preparing for Decommissioning	1979
Fukushima Daiichi 6	1100	In Operation	1979
Fukushima Daini 1	1100	In Operation	1982
Onagawa 1	524	In Operation	1984
Fukushima Daini 3	1100	In Operation	1985
Kashiwazaki Kariwa 1	1100	In Operation	1985
Hamaoka 3	1100	In Operation	1987
Kashiwazaki Kariwa 2	1100	In Operation	1990
Kashiwazaki Kariwa 3	1100	In Operation	1993
Hamaoka 4	1100	In Operation	1993
Onagawa 2	825	In Operation	1995
Kashiwazaki Kariwa 6	1356	In Operation	1996
Kashiwazaki Kariwa 7	1356	In Operation	1997
Onagawa 3	825	In Operation	2002
Hamaoka 5	1267	In Operation	2005
Higashidori	1100	In Operation	2005
Ohma	1383	Construction	(2014)
South Texas Project 3	1356	Design	(2016)
South Texas Project 4	1356	Design	(2017)