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, and construction 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	Completed	1970
Fukushima Daiichi 1	460	Completed	1971
Fukushima Daiichi 2	784	Completed	1974
Fukushima Daiichi 3	784	Completed	1976
Hamaoka 1	540	Completed	1976
Fukushima Daiichi 5	784	Completed	1978
Hamaoka 2	840	Completed	1979
Fukushima Daiichi 6	1100	Completed	1979
Fukushima Daini 1	1100	Completed	1982
Onagawa 1	524	Completed	1984
Fukushima Daini 3	1100	Completed	1985
Kashiwazaki Kariwa 1	1100	Completed	1985
Hamaoka 3	1100	Completed	1987
Kashiwazaki Kariwa 2	1100	Completed	1990
Kashiwazaki Kariwa 3	1100	Completed	1993
Hamaoka 4	1100	Completed	1993
Onagawa 2	825	Completed	1995
Kashiwazaki Kariwa 6	1356	Completed	1996
Kashiwazaki Kariwa 7	1356	Completed	1997
Onagawa 3	825	Completed	2002
Hamaoka 5	1267	Completed	2005
Higashidori	1100	Completed	2005
Ohma	1383	Construction	--
South Texas Project 3	1356	Design	--
South Texas Project 4	1356	Design	--