

11.0 Radioactive Waste Management

11.1 Source Terms

The information in this section of the reference ABWR DCD, including all subsections and tables, is incorporated by reference with ~~no departures or supplements~~ the following departure.

STD DEP 10.1-3 (Table 11.1-6)

Table 11.1-6 Plant Parameters for Source Term Adjustment

| <u>Parameter</u> | <u>Reference Plant</u> | <u>ABWR</u> |
|--|------------------------|---------------------------------------|
| <u>Thermal Power, MW</u> | <u>3400</u> | <u>3926</u> |
| <u>Reactor Water Mass, kg</u> | <u>1.73 E+05</u> | <u>3.06 E+05</u> |
| <u>Cleanup System Flow Rate kg/h</u> | <u>5.9 E+04</u> | <u>1.52 E+05</u> |
| <u>Steam Flow Rate kg/h</u> | <u>6.81 E+06</u> | 7.63 E+06 <u>7.65 E+06</u> |
| <u>Ratio of Condensate Demineralizer Flow Rate to Steam Flow Rate</u> | <u>1.0</u> | <u>*</u> |
| <u>The above values are expressed in the units required by the procedure in ANSI/ANS-18.1.</u> | | |

* See Table 11.1-7.

