Table of Values 2019

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Parameter	Reference	Certainty	Value [Possible other Values]
Core Inner Radius [cm]	X-energy, Initial NRC meeting	Not Certain	152 [124]
Core Outer Radius [cm]	X-energy, Initial NRC meeting	Not Certain	244 [216]
Core Inner Height [cm]	X-energy, Initial NRC meeting	Not Certain	580 [972]
Core Outer Height [cm]	X-energy, Initial NRC meeting	Not Certain	865 [1156]
Top Gap Thickness [cm]	X-energy, Initial NRC meeting	Not Certain	n/a [60]
Bottom Gap Thickness [cm]	X-energy, Initial NRC meeting	Not Certain	n/a [170]
Pebble Inner Radius [cm]	X-energy, Initial NRC meeting	Certain	2.5
Pebble Outer Radius [cm]	X-energy, Initial NRC meeting	Certain	3.0
TRISO Particle Radius [cm]	X-energy, Initial NRC meeting	Certain	0.04225
TRISO Fuel Radius [cm]	X-energy, Initial NRC meeting	Certain	0.02125
TRISO Buffer Radius [cm]	X-energy, Initial NRC meeting	Certain	0.03075
TRISO Inner Pyrolytic Carbon Radius [cm]	X-energy, Initial NRC meeting	Certain	0.03475
TRISO Silicon Carbide Radius [cm]	X-energy, Initial NRC meeting	Certain	0.03825
TRISO Outer Pyrolytic Carbon Radius [cm]	X-energy, Initial NRC meeting	Certain	0.04225
Number of Pebbles []	X-energy, Initial NRC meeting	Given as an Approx. Value	220000
Number of Particles per Pebble	X-energy, Initial NRC meeting	Given as an Approx. Value	18000
Packing Fraction	serpent dispersal routine	the pacfrac of the model is calculated by serpent	0.59 [0.53]
U235 Enrichment [wt]	0	0	0
UCO Density []	0	0	0
Helium Density	Calculated using Ideal Gas Law	Calculation	0
Graphite Reflector Density []	Ho, Graphite Design	0	0
Porous Carbon Buffer Density []	Using Reflector Data	Need Better Reference	as reflector
Pyrolytic Carbon Density []	ESPI Metals, Graphite	0	0
Silicon Carbide Density []	Accuratus, Silicon Carbide	0	0
Core Inlet Temperature [K]	0	0	0
Core Outlet Temperature [K]	0	0	0
Core Inlet Pressure []	0	0	0
Core Outlet Pressure []	0	0	0