


Stream Number	1	2	3	4	5	6*	7*
Temperature (°C)	700.00	250.00	250.00	205.30	543.00	-	-
Pressure (kPa)	6,687.00	6,800.00	7,000.00	14,170.00	15,100.00	-	-
Mass flow (kg/s)	145.00	145.00	145.00	155.40	155.40	-	-
Component mass flow (kg/s)	145.00	145.00	145.00	155.40	155.40	-	-
He	145.00	145.00	145.00	-	-	-	-
H2O	-	-	-	155.40	155.40	-	-
Fuel Elements (number of elements)						679.00	679.00



NuEnergy Solutions

Process Flow Diagram
Small Modular Reactor – Power Plant

DWG NO
PFD 001

REV
A1

SIZE
A3

SCALE
N/A

REVISED
10/15/2020

SHEET
1 OF 1