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DESIGN & ANALYSIS OF STEAM GENERATORS
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Primary-side flow rate (lbm/h):.....	0.610E+08
Primary-side inlet temperature (F):.....	604.000
Primary-side outlet temperature (F):.....	550.000
Secondary-side pressure (psia):.....	850.000
Secondary-side temperature (F):.....	525.077
Total number of tubes:.....	8485.00
Tube inside diameter (in):.....	0.654
Tube outside diameter (in):.....	0.750
Tube average heated length (ft):.....	54.762
Tube heat transfer area (ft ²):.....	91235.
Inside thermal resistance (h.ft ² .F/Btu).....	0.000147
Bundle thermal resistance (h.ft ² .F/Btu).....	0.000139
Tube thermal resistance (h.ft ² .F/Btu).....	0.000396
Fouling/contingency (h.ft ² .F/Btu).....	0.000244
Overall heat transfer coeff. (Btu/h.ft ² .F):.....	1079.66