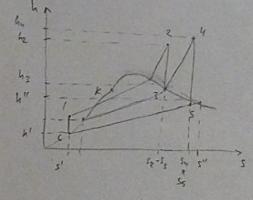
$$\lambda = \frac{S-C'}{S''-S'}$$
 $h' = h_0 = 174 EIItg$

$$x'_{s} = \frac{s - s'}{s'' - s'} = \frac{s_{s} - s'}{s'' - s'} = \frac{3,695 - 0,593}{8,23 - 0,593} = 0,9299$$

$$\eta_t = \frac{\nu}{g_{Jov}} = \frac{\nu_t - \nu_p}{g_{dov}} = \frac{\nu_{v_T} + \nu_{h_T} - \nu_p}{g_{dov}}
\dot{n} = \frac{\rho_t}{\nu_t}$$



$$G = \frac{300.10^6}{500.10^3 + 343.339.10^3} = 516.4 \frac{14}{5}$$

$$P - \frac{fe}{n} = \frac{13}{0.15} = 113.33 \text{ W (topl. shaga halon god daya)}$$

$$N = P = \frac{113.33}{51.10^{-12} \cdot 516.10^{6} \cdot 1, 6.10^{-13}} = 2,48 \cdot 10^{24} \text{ (atoma Am-241)}$$

$$t = \ln\left(\frac{r_0}{r_1t_2}\right) / 2$$

$$t = \frac{\left(\frac{2.5 \cdot 10^{24}}{2.48 \cdot 10^{24}}\right)}{51 \cdot 10^{-12}} = \frac{147727889,8 (5) (: 60 /: 60 /: 24 /: 365)}{(147727889,8 (5) /: 60 /: 60 /: 24 /: 365)}$$

(13) Q:= 550 m/s Horane = 60 m Hgore = 250 m Hdole = 30 m Hay = Q/12 M Hov = Q/60 M 7=0,9 - Za snaqu se u racunu a) Hvode = 50 m = Hgv koristi Qi jer je Q>Qi Q=50.12 = 600 m/s iz tehničkih razloga Hov= 600/60 = 10 m $H_n = 250 - 90 + 50 - 10 = 200 \text{ m}$ P=8.9.An.Qi.7=10.9,81.200.550.0,9=971,19 MW b) Q=650-50t Hnmax = 250-90+650 -650 -2033m Qmax = Qi = 550 m/s Qmin = 650 - 12.50 = 50 m/s Pmax = 5.8. Hnmax Qi . 2 = 987,21 MW $H_{nmin} = 250 - 90 + \frac{50}{12} - \frac{50}{60} = 163.3 \text{ m}$ Pmin = 163,3.10.9,81.50.0,9 = 72,089 MW 2) 650-50t=550=> t=2 (2 mjeseco radi sa Qi) Wgod = 8760 Hneto . g. 2. S. (2. Qi + S (650 - 50t) Lt) Wyod = 5,285.10 Wh = 5,285 TWh

1.)
$$P_n = 300 \cdot 10^6 \text{ W/e}$$
 $P_n = 0.14$
 $P_n = 0.16$
 $P_n = 0.16$

(15)
$$P_{RE} = 100 \text{ kWe}$$
 $G_V = 1 \text{ kW/m}^2$
 $Q_{FN} = 0.11$
 $M = 0.2$

a) $P_{RE} = 100 \text{ kW}$
 $Q_{FN} = 100 \text{ kW}$
 Q_{FN}

$$F = \frac{r_n}{l_{K.S.}} = \frac{r_n}{l_{K.S.}} = \frac{r_n}{F \cdot U_{PH}} = \frac{1}{4} \cdot \frac{1}{8} \cdot \frac$$

16) Pn = 1,5 MWe, Vn = 11 m/s, tn = 0,2. tgod P8=0,7 MWe, V8=8 m/s, t8=0,4.tgod a) Wgod = 8760. (0,2.1,5 MW+0,4.0,7 MW)=5081 MWh b) $m = \frac{5081}{1,5.8760} = 0.387$ T) Cpe = 0,4 Pn=0,5.p.cpe.A.Un => A= 0,5.1,225.0,4.113 = 4600 m $A = \overrightarrow{DT} \Rightarrow D = \sqrt{\frac{4A}{T}} = 76.5 \text{ m}$

