HU 2011 exem 9 See Jone 2.25 and explusion. Type to has how efficiency ? 6) eg (2.38) gields 21 = 378,3 2 9 (2.26) v(t) = 1 (d2-d1) [e-x,t-ex2t] K=378.1.2.10-5 = 454-10-3 (d2-d1) - 4,074.157 1940 - 250. 454.10-7 - 4.074-107 = 224.5 W  $7(t) = 224.5 \quad (2 - 2469136 - 2)$ after  $1/m_{ex} = 216 \text{ kV}$   $30/. = 65 \text{ kV} = 2/.38.49^{-7}$   $50/. \quad 195 \text{ kV} = 8.48.10^{-7}$   $5.50 \quad 7/ = 1.67 \cdot (8.48 - 1.38) \cdot 10^{-7} = 1.18 \text{ µs}$ 72 = 49,3 µS begg pi graf aflot. 2 = <u>216</u> - 0,864

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Lower (2. Duna = 216, 4 kV passes!  $(2.37) \qquad 1 = \frac{G}{G + G} = \frac{10 \cdot 10^{-9}}{10 \cdot 10^{-9} + 62 \cdot 10^{-9}} = \frac{0.89}{=}$ e/ table 3.3 s 83 => 3=80 =1 206 kV  $(3.2) \delta = \frac{P}{P_0} \frac{273+6}{273+4} = \frac{1022}{10/3} \frac{278+20}{273+8} = 1,016$ E=RAD talel 3.5 s 85 => ka = 1,00 (3.1) VL=Vd Vdb = 100-206 = 20640 p. 87 auwan = 37. = Vd - 206 I 6 kV

f (3.33) p. 126 Les 2712 f. 15 e 271.88.15 2.160 - 22,8 pt h 1.15 e h 3/1 2 22,8 pt m 3/1 2 first ander fruly exposential Rice = 2 = 70 R·Ce = 50000 · 228·10-2 = 150 ns 9/ (3.53) p. /39 S= 5-72 = 72  $S = \frac{159 \cdot 10^{5}}{300 \cdot 10^{5}} = \frac{0.632}{0.632}, S = \frac{218}{0.3} = \frac{727}{10.3} = \frac{138141}{100}$   $21 = 6 = 5 \cdot 7 = -0.632 \cdot 727 = 0.3 = 138141$ So luful atay is Vmons + AU = 218+ 138 = 356 LeV

