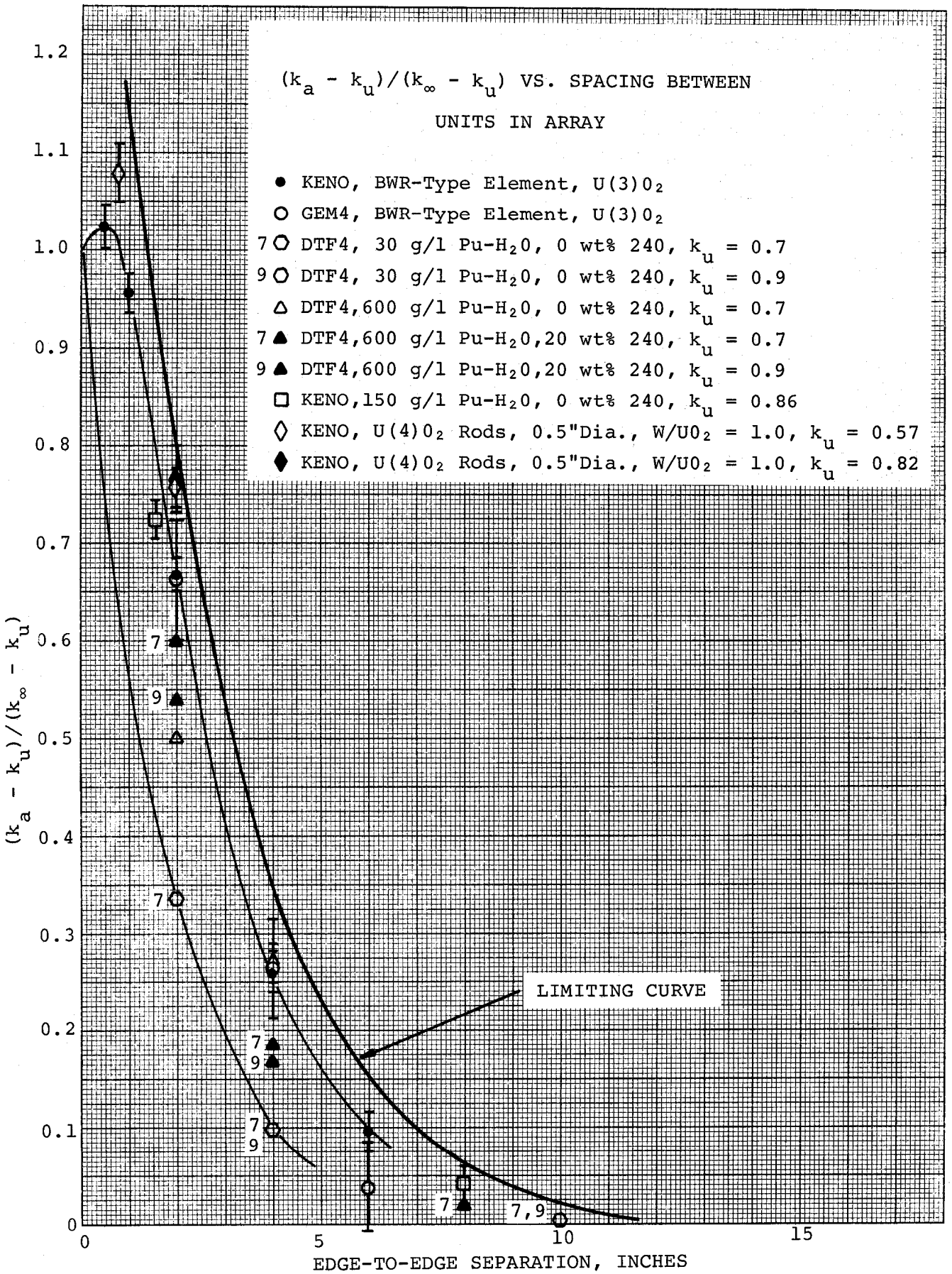
$(k_a - k_u)/(k_\infty - k_u)$ VS. SPACING BETWEEN UNITS IN ARRAY
● KENO, BWR-Type Element, $U(3)O_2$
○ GEM4, BWR-Type Element, $U(3)O_2$
7 ○ DTF4, 30 g/l Pu-H_2O, 0 wt% 240, k_u = 0.7
9 ○ DTF4, 30 g/l Pu-H_2O, 0 wt% 240, k_u = 0.9
△ DTF4,600 g/l Pu-H_2O, 0 wt% 240, k_u = 0.7
7 ▲ DTF4,600 g/l Pu-H_2O,20 wt% 240, k_u = 0.7
9 ▲ DTF4,600 g/l Pu-H_2O,20 wt% 240, k_u = 0.9
□ KENO,150 g/l Pu-H_2O, 0 wt% 240, k_u = 0.86
◇ KENO, $U(4)O_2$ Rods, 0.5"Dia., W/UO_2 = 1.0, k_u = 0.57
◆ KENO, $U(4)O_2$ Rods, 0.5"Dia., W/UO_2 = 1.0, k_u = 0.82
LIMITING CURVE
$(k_a - k_u)/(k_\infty - k_u)$
EDGE-TO-EDGE SEPARATION, INCHES
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
5
10
15
7
9
7,9