

Table 6.2.1-8—Short Term Response Cold Leg Pump Discharge Breaks

Variable	Case 15	Case 16	Case 17	Case 18	Case 19	Case 20	Case 21	Case 22	Case 23	Case 24	Case 25	Case 26	Case 27	Case 28	Case 29	Case 30	Case 31
Short Term Analysis Results																	
Peak Pressure(psia)	63.77	63.77	63.69	63.69	63.69	63.69	63.82	64.30	63.41	63.92	64.85	65.17	64.91	64.95	64.98	65.37	65.38
Time of Peak Pressure (s)	24	24	25	25	25	25	26	25	27	28	24	25	24	25	25	24	25
Peak Vapor Temp. (°F)	270.04	270.04	269.93	269.93	269.93	269.93	270.11	270.77	269.53	270.24	271.52	271.96	271.61	271.66	271.71	272.24	272.25
Time of Peak Vapor Temp. (s)	24	24	25	25	25	25	26	25	27	28	24	25	24	25	24	24	25
Case Description																	
Break Configuration ¹	DEG C=1	DEG C=1	DEG C=1	DEG C=1	DEG Cd=1	DEG C=1	DEG C=.8	DES C=.8	DES C=.6	DEG C=.6	DES C=1	DES C=1	DES C=1	DES C=1	DES C=1	DES C=1	DES C=1
ECCS	MAX	MIN	MIN	MAX	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN
Pressure (psia)	60	60	60	60	60	60	60	60	60	60	60	14.7	76.7	60	60	60	60
IRWST Temp. (°F)	122	122	122	122	122	122	122	122	122	122	122	122	122	248	122	122	170

Notes:

1. DEG = double-ended guillotine; DES = double-ended split