

Table 3.3.5.1-1 (page 4 of 5)
Emergency Core Cooling System Instrumentation

Function	Applicable Modes or Other Specified Conditions	Required Channels Per Function	Conditions Referenced From Required Action A.1	Surveillance Requirements	Allowable Value
3. HPCI System (continued)					
e. Suppression Pool Water Level - High	1, 2 ^(c) , 3 ^(c)	2	D	SR 3.3.5.1.3 SR 3.3.5.1.8 SR 3.3.5.1.9	≤ 5.9 inches
f. High Pressure Coolant Injection Pump Discharge Flow - Low (Bypass)	1, 2 ^(c) , 3 ^(c)	1	E	SR 3.3.5.1.3 SR 3.3.5.1.8 SR 3.3.5.1.9	≥ 264.2 gpm and ≤ 2025.1 gpm
4. Automatic Depressurization System (ADS) Trip logic A					
a. Reactor Vessel Water Level - Low Low Low	1, 2 ^(d) , 3 ^(d)	2	G	SR 3.3.5.1.1 SR 3.3.5.1.3 SR 3.3.5.1.8 SR 3.3.5.1.9	≥ 38.3 inches
b. Automatic Depressurization System Timer	1, 2 ^(d) , 3 ^(d)	1	H	SR 3.3.5.1.3 SR 3.3.5.1.8 SR 3.3.5.1.9	≤ 125 seconds
c. Reactor Vessel Water Level - Low (Confirmatory)	1, 2 ^(d) , 3 ^(d)	1	G	SR 3.3.5.1.1 SR 3.3.5.1.3 SR 3.3.5.1.8 SR 3.3.5.1.9	≥ 166.1 Inches
d. Core Spray Pump Discharge Pressure - High	1, 2 ^(d) , 3 ^(d)	2	H	SR 3.3.5.1.3 SR 3.3.5.1.8 SR 3.3.5.1.9	≥ 114.2 psig and ≤ 177.0 psig
e. Low Pressure Coolant Injection Pump Discharge Pressure - High	1, 2 ^(d) , 3 ^(d)	4	H	SR 3.3.5.1.3 SR 3.3.5.1.8 SR 3.3.5.1.9	≥ 103.8 psig and ≤ 147.0 psig
(continued)					

(c) With reactor steam dome pressure > 150 psig.

(d) With reactor steam dome pressure > 100 psig.

Table 3.3.5.1-1 (page 5 of 5)
Emergency Core Cooling System Instrumentation

Function	Applicable Modes or Other Specified Conditions	Required Channels Per Function	Conditions Referenced From Required Action A.1	Surveillance Requirements	Allowable Value
5. ADS Trip Logic B					
a. Reactor Vessel Water Level - Low Low Low	1, 2 ^(d) , 3 ^(d)	2	G	SR 3.3.5.1.1 SR 3.3.5.1.3 SR 3.3.5.1.8 SR 3.3.5.1.9	≥ 38.3 inches
b. Automatic Depressurization System Timer	1, 2 ^(d) , 3 ^(d)	1	H	SR 3.3.5.1.3 SR 3.3.5.1.8 SR 3.3.5.1.9	≤ 125 seconds
c. Reactor Vessel Water Level - Low (Confirmatory)	1, 2 ^(d) , 3 ^(d)	1	G	SR 3.3.5.1.1 SR 3.3.5.1.3 SR 3.3.5.1.8 SR 3.3.5.1.9	≥ 166.1 inches
d. Core Spray Pump Discharge Pressure - High	1, 2 ^(d) , 3 ^(d)	2	H	SR 3.3.5.1.3 SR 3.3.5.1.8 SR 3.3.5.1.9	≥ 114.2 psig and ≤ 177.0 psig
e. Low Pressure Coolant Injection Pump Discharge Pressure - High	1, 2 ^(d) , 3 ^(d)	4	H	SR 3.3.5.1.3 SR 3.3.5.1.8 SR 3.3.5.1.9	≥ 103.8 psig and ≤ 147.0 psig

(d) With reactor steam dome pressure > 100 psig.