

Table 3.3.1-1 (page 1 of 2)
Reactor Protective System Instrumentation

| FUNCTION | APPLICABLE MODES | SURVEILLANCE REQUIREMENTS | ALLOWABLE VALUE |
|--|--|--|---|
| 1. Variable High Power Trip | 1,2,3 ^(a) ,4 ^(a) ,5 ^(a) | SR 3.3.1.1 SR 3.3.1.2 SR 3.3.1.3 SR 3.3.1.4 SR 3.3.1.5 SR 3.3.1.6 SR 3.3.1.8 | ≤ 15% RTP above current THERMAL POWER with a minimum of ≤ 30% RTP and a maximum of ≤ 111% RTP |
| 2. High Startup Rate Trip ^(b) | 1,2 | SR 3.3.1.1 SR 3.3.1.7 SR 3.3.1.8 | NA |
| 3. Low Primary Coolant System Flow Trip ^(c) | 1,2,3 ^(a) ,4 ^(a) ,5 ^(a) | SR 3.3.1.1 SR 3.3.1.5 SR 3.3.1.8 | ≥ 95% |
| 4. Low Steam Generator A Level Trip | 1,2,3 ^(a) ,4 ^(a) ,5 ^(a) | SR 3.3.1.1 SR 3.3.1.5 SR 3.3.1.8 | ≥ 25.9% narrow range |
| 5. Low Steam Generator B Level Trip | 1,2,3 ^(a) ,4 ^(a) ,5 ^(a) | SR 3.3.1.1 SR 3.3.1.5 SR 3.3.1.8 | ≥ 25.9% narrow range |
| 6. Low Steam Generator A Pressure Trip ^(c) | 1,2,3 ^(a) ,4 ^(a) ,5 ^(a) | SR 3.3.1.1 SR 3.3.1.5 SR 3.3.1.8 | ≥ 500 psia |
| 7. Low Steam Generator B Pressure Trip ^(c) | 1,2,3 ^(a) ,4 ^(a) ,5 ^(a) | SR 3.3.1.1 SR 3.3.1.5 SR 3.3.1.8 | ≥ 500 psia |
| 8. High Pressurizer Pressure Trip | 1,2,3 ^(a) ,4 ^(a) ,5 ^(a) | SR 3.3.1.1 SR 3.3.1.5 SR 3.3.1.8 | ≤ 2255 psia |

(a) With more than one full-length control rod capable of being withdrawn and PCS boron concentration less than REFUELING BORON CONCENTRATION.

(b) Trip may be bypassed when Wide Range Power is < 1E-4% RTP or when THERMAL POWER is > 13% RTP.

(c) Trips may be bypassed when Wide Range Power is < 1E-4% RTP. Bypass shall be automatically removed when Wide Range Power is ≥ 1E-4% RTP.