

TABLE 3.3-2REACTOR TRIP SYSTEM INSTRUMENTATION RESPONSE TIMES

<u>FUNCTIONAL UNIT</u>	<u>RESPONSE TIME</u>
1. Manual Reactor Trip	Not Applicable
2. Power Range, Neutron Flux	≤ 0.5 seconds ⁽¹⁾
3. Power Range, Neutron Flux, High Positive Rate	Not Applicable
4. Deleted	
5. Intermediate Range, Neutron Flux	Not Applicable
6. Source Range, Neutron Flux	≤ 0.5 seconds ⁽¹⁾
7. Overtemperature ΔT	≤ 8.5 seconds ⁽¹⁾⁽²⁾
8. Overpower ΔT	≤ 8.5 seconds ⁽¹⁾⁽²⁾
9. Pressurizer Pressure--Low	≤ 2.0 seconds
10. Pressurizer Pressure--High	≤ 2.0 seconds
11. Pressurizer Water Level--High	Not Applicable

(1) Neutron detectors are exempt from response time testing. Response time of the neutron flux signal portion of the channel shall be measured from detector output or input of first electronic component in channel.

(2) The 8.5 second response time includes a 5.0 second delay for the RTDs mounted in thermowells.