

ATTACHMENT 2  
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TABLE 2.2-1

REACTOR TRIP SYSTEM INSTRUMENTATION TRIP SETPOINTS

<u>FUNCTIONAL UNIT</u>	<u>TRIP SETPOINT</u>	<u>ALLOWABLE VALUES</u>
1. Manual Reactor Trip	Not Applicable	Not Applicable
2. Power Range, Neutron Flux	Low Setpoint - $\leq 25\%$ of RATED THERMAL POWER  High Setpoint - $\leq 109\%$ of RATED THERMAL POWER	Low Setpoint - $\leq 26\%$ of RATED THERMAL POWER  High Setpoint - $\leq 110\%$ of RATED THERMAL POWER
3. Power Range, Neutron Flux, High Positive Rate	$\leq 5\%$ of RATED THERMAL POWER with a time constant $\geq 2$ second	$\leq 5.5\%$ of RATED THERMAL POWER with a time constant $\geq 2$ second
4. Power Range, Neutron Flux, High Negative Rate	$\leq 5\%$ of RATED THERMAL POWER with a time constant $\geq 2$ second	$\leq 5.5\%$ of RATED THERMAL POWER with a time constant $\geq 2$ second
5. Intermediate Range, Neutron Flux	$\leq 25\%$ of RATED THERMAL POWER	$\leq 30\%$ of RATED THERMAL POWER
6. Source Range, Neutron Flux	$\leq 10^5$ counts per second	$\leq 1.3 \times 10^5$ counts per second
7. Overtemperature $\Delta T$	See Note 1	See Note 3
8. Overpower $\Delta T$	See Note 2	See Note 4
9. Pressurizer Pressure--Low	$\geq 1865$ psig	$\geq 1855$ psig
10. Pressurizer Pressure--High	$\leq 2385$ psig	$\leq 2395$ psig
11. Pressurizer Water Level--High	$\leq 92\%$ of instrument span	$\leq 93\%$ of instrument span
12. Loss of Flow	$\geq 90\%$ of design flow per loop*	$\geq 89\%$ of design flow per loop*

\*Design flow is 87,300 gpm per loop.

86,430

TABLE 3.2-1

DNB PARAMETERS

<u>PARAMETER</u>	<u>LIMITS</u>
Reactor Coolant System $T_{avg}$	4 Loops in Operation $\leq 582^{\circ}F$
Pressurizer Pressure	$\geq 2220$ psia*
Reactor Coolant System ↑ <i>Total Flow Rate</i>	$\geq 357200$ gpm# ↑ <i>353,700</i>

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\* Limit not applicable during either a THERMAL POWER ramp in excess of 5% RATED THERMAL POWER per minute or a THERMAL POWER step in excess of 10% RATED THERMAL POWER.

# Includes a 2.2% flow uncertainty plus a 0.1% measurement uncertainty due to feedwater venturi fouling.