

Table 3.3.1-1 (page 4 of 8)
Reactor Protection System Instrumentation

FUNCTION		APPLICABLE MODES	REQUIRED CHANNELS	CONDITIONS	SURVEILLANCE REQUIREMENTS	ALLOWABLE VALUE
17.	Reactor Trip System Interlocks					
a.	Intermediate Range Neutron Flux, P-6	2(d)	2	R	SR 3.3.1.11 SR 3.3.1.12	> 1E-10 amp
b.	Low Power Reactor Trips Block, P-7					
(1)	Power Range Neutron Flux	1	4	S	SR 3.3.1.11 SR 3.3.1.12	< 10% RTP
(2)	Turbine Impulse Pressure	1	2	S	SR 3.3.1.11 SR 3.3.1.12	< 10% turbine power
c.	Power Range Neutron Flux, P-8	1	4	S	SR 3.3.1.11 SR 3.3.1.12	< 50% RTP
d.	Power Range Neutron Flux, P-9	1(k)	4	S	SR 3.3.1.11 SR 3.3.1.12	< 50% RTP
e.	Power Range Neutron Flux, P-10	1,2	4	R	SR 3.3.1.11 SR 3.3.1.12	> 8% RTP and < 10% RTP
18.	Reactor Trip Breakers (RTBs)	1,2	2 trains	Q	SR 3.3.1.4	NA
		3(a), 4(a), 5(a)	2 trains	T	SR 3.3.1.4	NA
19.	Reactor Trip Breaker Undervoltage and Shunt Trip Mechanisms	1,2	1 each per RTB	U	SR 3.3.1.4	NA
		3(a), 4(a), 5(a)	1 each per RTB	T	SR 3.3.1.4	NA

(continued)

- (a) With the RTBs closed and the Rod Control System capable of rod withdrawal
- (d) Below the P-6 (Intermediate Range Neutron Flux) interlock
- (k) With 1 of 2 circulating water pump breakers closed and condenser vacuum ≥ 22 "Hg