




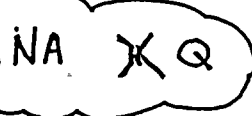


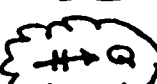


TABLE 4.3.1.1-1

REACTOR PROTECTION SYSTEM INSTRUMENTATION SURVEILLANCE REQUIREMENTS

<u>FUNCTIONAL UNIT</u>	<u>CHANNEL CHECK</u>	<u>CHANNEL FUNCTIONAL TEST</u>	<u>CHANNEL CALIBRATION (a)</u>	<u>OPERATIONAL CONDITIONS FOR WHICH SURVEILLANCE REQUIRED</u>
1. Intermediate Range Monitors:				
a. Neutron Flux - High	S/U,S, <sup>(b)</sup> S	S/U <sup>(c)</sup> , W W	SA SA	2 3, 4, 5
b. Inoperative	NA	S/U <sup>(c)</sup> , W	NA	2, 3, 4, 5
2. Average Power Range Monitor <sup>(f)</sup> :				
a. Neutron Flux - Upscale, Setdown	S/U,S, <sup>(b)</sup> S	S/U <sup>(c)</sup> , W W	SA SA	2 3, 5
b. Flow Biased Simulated Thermal Power - Upscale	S, D <sup>(g)</sup>	S/U <sup>(c)</sup> 	W <sup>(d)(e)</sup> , SA, R <sup>(h)</sup>	1
c. Fixed Neutron Flux - Upscale	S	S/U <sup>(c)</sup> 	W <sup>(d)</sup> , SA	1
d. Inoperative	NA	S/U <sup>(c)</sup> 	NA	1, 2, 3, 5
3. Reactor Vessel Steam Dome Pressure - High	NA		Q	1, 2
4. Reactor Vessel Water Level - Low, Level 3	S	 NA 		1, 2
5. Main Steam Line Isolation Valve - Closure	NA		R	1
6. Main Steam Line Radiation - High	S		R	1, 2 <sup>(i)</sup>
7. Drywell Pressure - High	NA		R	1, 2

△ New Changes



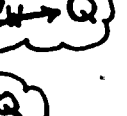

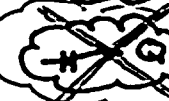

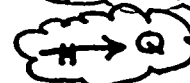




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TABLE 4.3.1.1-1

REACTOR PROTECTION SYSTEM INSTRUMENTATION SURVEILLANCE REQUIREMENTS

<u>FUNCTIONAL UNIT</u>	<u>CHANNEL CHECK</u>	<u>CHANNEL FUNCTIONAL TEST</u>	<u>CHANNEL CALIBRATION (a)</u>	<u>OPERATIONAL CONDITIONS FOR WHICH SURVEILLANCE REQUIRED</u>
1. Intermediate Range Monitors:				
a. Neutron Flux - High	S/U, S, (b) S	S/U(c), W W	SA SA	2 3, 4, 5
b. Inoperative	NA	S/U(c), W	NA	2, 3, 4, 5
2. Average Power Range Monitor (f):				
a. Neutron Flux - Upscale, Setdown	S/U, S, (b) S	S/U(c), W W	SA SA	2 3, 5
b. Flow Biased Simulated Thermal Power - Upscale	S, D(g)	S/U(c), 	W(d)(e), SA, R(h)	1
c. Fixed Neutron Flux - Upscale	S	S/U(c), 	W(d), SA	1
d. Inoperative	NA	S/U(c), 	NA	1, 2, 3, 5
3. Reactor Vessel Steam Dome Pressure - High	NA		Q	1, 2
4. Reactor Vessel Water Level - Low, Level 3	S	<del></del> NA <del></del>		1, 2
5. Main Steam Line Isolation Valve - Closure	NA		R	1
6. Main Steam Line Radiation - High	S		R	1, 2(i)
7. Drywell Pressure - High	NA		R	1, 2

Δ New Changes



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