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TURKEY POINT - UNITS 3 & 4

3/4 3-8

AMENDMENT NOS 46 AND 135

TABLE 4.3-1

REACTOR TRIP SYSTEM INSTRUMENTATION SURVEILLANCE REQUIREMENTS

<u>FUNCTIONAL UNIT</u>	<u>CHANNEL CHECK</u>	<u>CHANNEL CALIBRATION</u>	<u>ANALOG CHANNEL OPERATIONAL TEST</u>	<u>TRIP ACTUATING DEVICE OPERATIONAL TEST</u>	<u>ACTUATION LOGIC TEST</u>	<u>MODES FOR WHICH SURVEILLANCE IS REQUIRED</u>
1. Manual Reactor Trip	N.A.	N.A.	N.A.	R(11)	N.A.	1, 2, 3*, 4*, 5*
2. Power Range, Neutron Flux a. High Setpoint	S	D(2, 4), M(3, 4), Q(4, 6), R(4)	<del>M</del> Q	N.A.	N.A.	1, 2
b. Low Setpoint	S	R(4)	<del>M</del> S/U (1)	N.A.	N.A.	1***, 2
3. Intermediate Range, Neutron Flux	S	R(4)	S/U(1), <del>M</del>	N.A.	N.A.	1***, 2
4. Source Range, Neutron Flux	S	R(4)	<sup>Q</sup> S/U(1), <del>M</del> (9)	N.A.	N.A.	2**, 3, 4, 5
5. Overtemperature ΔT	S	R	Q	N.A.	N.A.	1, 2
6. Overpower ΔT	S	R	Q	N.A.	N.A.	1, 2
7. Pressurizer Pressure--Low	S	R	<del>M</del> Q	N.A.	N.A.	1
8. Pressurizer Pressure--High	S	R	<del>M</del> Q	N.A.	N.A.	1, 2
9. Pressurizer Water Level--High	S	R	Q	N.A.	N.A.	1
10. Reactor Coolant Flow--Low	S	R	<del>M</del> Q	N.A.	N.A.	1
11. Steam Generator Water Level-- Low-Low	S	R	<del>M</del> Q	N.A.	N.A.	1, 2



Insert A

Surveillances for the analog RPS/ESFAS Hagan rack instrumentation have been extended to quarterly in accordance with WCAP-10271, "Evaluation of Surveillance Frequencies and Out of Service Times for the Reactor Protection Instrumentation System," and supplements to that report as generically approved by the NRC and documented in their SERs (Letters to the Westinghouse Owner's Group from the NRC dated February 21, 1985, February 22, 1989, and April 30, 1990).