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TABLE 3.3.7.5-1 (Continued)
ACCIDENT MONITORING INSTRUMENTATION

| INSTRUMENT | REQUIRED NUMBER OF CHANNELS | MINIMUM CHANNELS OPERABLE | APPLICABLE OPERATIONAL CONDITIONS | ACTION |
|---|--------------------------------|---------------------------------|---|---------------|
| 14. Neutron Flux: | | | | |
| APRM | 2 | 1 | 1, 2 | 80 |
| IRM | 2 | 1 | 1, 2 | 80 |
| SRM | 2 | 1 | 1, 2 | 80 |
| 15. RCIC Flow | 1 | 1 | 1, 2 | 80 |
| 16. HPCS Flow | 1 | 1 | 1, 2 | 80 |
| 17. LPCS Flow | 1 | 1 | 1, 2 | 80 |
| 18. Standby Liquid Control System Flow | 1 | 1 | 1, 2 | 80 |
| 19. Standby Liquid Control System Tank Level | 1 | 1 | 1, 2 | 80 |
| 20. RHIR Flow | 1/loop | 1/loop | 1, 2 | 80 |
| 21. RHIR Heat Exchanger Outlet Temperature | 1/heat exchanger | 1/heat exchanger | 1, 2 | 80 |
| 22. Standby Service Water Flow | 1/loop | 1/loop | 1, 2 | 80 |
| 23. Standby Service Water Spray Pond Temperature | 2 | 1 | 1, 2 | 80 |
| 24. Post Accident Sampling Containment Atmospheric Radiation Monitor | 1 | 1 | 1, 2, 3 | 81 |
| 25. Emergency Ventilation Damper Position | 2/duct | 1/duct | 1, 2 | 80 |
| 26. Standby Power and Other Energy Sources | 2/source | 1/source | 1, 2 | 80 |
| 27. Primary Containment Valve Position | 1/valve | 1/line | 1, 2 | 80 |
| 28. Primary Containment Gross Radiation Monitors# | 2 | 1 | 1, 2, 3 | 81 |
| 29. Post Accident Sampling Primary Coolant Radiation Monitor | 1 | 1 | 1, 2, 3 | 81 |
| 30. Effluent Noble Gas Radiation Monitor# | 1 | 1 | 1, 2, 3 | 81 |
| 31. Reactor Building Post LOCA Grab Sampler | 1 | 1 | 1, 2, 3 | 81 |

#High range monitors.

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TABLE 4.3.7.5-1 (Continued)

ACCIDENT MONITORING INSTRUMENTATION SURVEILLANCE REQUIREMENTS

| <u>INSTRUMENT</u> | <u>CHANNEL CHECK</u> | <u>CHANNEL CALIBRATION</u> | <u>APPLICABLE OPERATIONAL CONDITIONS</u> |
|--|--------------------------|--------------------------------|--|
| 18. Standby Liquid Control System Flow | M | R | 1, 2 |
| 19. Standby Liquid Control System Tank Level | M | R | 1, 2 |
| 20. RHR Flow | M | R | 1, 2 |
| 21. RHR Heat Exchanger Outlet Temperature | M | R | 1, 2 |
| 22. Standby Service Water Flow | M | R | 1, 2 |
| 23. Standby Service Water Spray Pond Temperature | M | R | 1, 2 |
| 24. Post-Accident Sampling Containment Atmosphere Radiation Monitor | M | R | 1, 2, 3 |
| 25. Emergency Ventilation Damper Position | M | R | 1, 2 |
| 26. Standby Power and Other Energy Sources | M | R | 1, 2 |
| 27. Primary Containment Valve Position | M | R | 1, 2 |
| 28. Primary Containment Gross Radiation Monitors | M | R* | 1, 2, 3 |
| 29. Post-Accident Sampling Primary Coolant Radiation Monitor | M | R | 1, 2, 3 |
| 30. Effluent Noble Gas Radiation Monitor# | M | R | 1, 2, 3 |
| 31. Reactor Building Post LOCA Grab Sampler | M | R | 1, 2, 3 |

TABLE NOTATION

*CHANNEL CALIBRATION shall consist of an electronic calibration of the channel, not including the detector, for range decades above 10 R/h and a one point calibration check of the detector below 10 R/h with an installed or portable gamma source.

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| Year | Percentage of Population Aged 65 and Over |
|------|---|
| 1950 | 7.0 |
| 1960 | 8.5 |
| 1970 | 10.0 |
| 1980 | 11.5 |
| 1990 | 13.0 |