

TABLE 3.3.7.5-1

ACCIDENT MONITORING INSTRUMENTATION

| <u>INSTRUMENT</u> | <u>REQUIRED NUMBER OF CHANNELS</u> | <u>MINIMUM CHANNELS OPERABLE</u> | <u>ACTION</u> | <u>APPLICABLE OPERATIONAL CONDITIONS</u> |
|--|------------------------------------|----------------------------------|---------------|--|
| 1. Reactor Vessel Steam Dome Pressure | 2 | 1 | 80 | |
| 2. Reactor Vessel Water Level | 2 | 1 | 80 | |
| 3. Suppression Chamber Water Level | 2 | 1 | 80 | |
| 4. Suppression Chamber Water Temperature | 8, 6 locations | 6, 1/location | 80 | |
| 5. Suppression Chamber Air Temperature | 2 | 1 | 80 | |
| 6. Primary Containment Pressure | 2/range | 1/range | 80 | |
| 7. Drywell Temperature | 2 | 1 | 80 | |
| 8. Drywell Oxygen/Hydrogen Analyzer | 2 | 1 | 80 | |
| 9. Safety/Relief Valve Position Indicators | 1/valve* | 1/valve* | 80 | |
| 10. Containment High Radiation | 2 | 1 | 81 | |
| 11. Noble gas monitors | | | | |
| a. Reactor Bldg. Vent | 1 | 1 | 81 | |
| b. SGTS Vent | 1 | 1 | 81 | |
| c. Turbine Bldg. Vent | 1 | 1 | 81 | |
| 12. Neutron Flux | 2 | 1 | 80 | 1,2 |

*Acoustic monitor.

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TABLE 4.3.7.5-1

ACCIDENT MONITORING INSTRUMENTATION SURVEILLANCE REQUIREMENTS

| <u>INSTRUMENT</u> | <u>CHANNEL CHECK</u> | <u>CHANNEL CALIBRATION</u> |
|--|----------------------|----------------------------|
| 1. Reactor Vessel Steam Dome Pressure | M | R |
| 2. Reactor Vessel Water Level | M | R |
| 3. Suppression Chamber Water Level | M | R |
| 4. Suppression Chamber Water Temperature | M | R |
| 5. Suppression Chamber Air Temperature | M | R |
| 6. Primary Containment Pressure | M | R |
| 7. Drywell Temperature | M | R |
| 8. Drywell Oxygen/Hydrogen Analyzer | M | Q* |
| 9. Safety/Relief Valve Position Indicators | M | R |
| 10. Containment High Radiation | M | R |
| 11. Noble gas monitors | | |
| a. Reactor Bldg. Vent | M | R |
| b. SGTS Vent | M | R |
| c. Turbine Bldg. Vent | M | R |
| 12. Neutron Flux | M | R |

*For hydrogen analyzer, use sample gas containing one volume percent hydrogen, balance nitrogen.

TABLE 3.6.3-1 (Continued)

PRIMARY CONTAINMENT ISOLATION VALVES

VALVE FUNCTION AND NUMBER

Excess Flow Check Valves (Continued)

Reactor Recirculation

XV-143F003 A,B
XV-143F004 A,B
XV-143F009 A,B,C,D
XV-143F010 A,B,C,D
XV-143F011 A,B,C,D
XV-143F012 A,B,C,D
XV-143F017 A,B
XV-143F040 A,B,C,D
XV-143F057 A,B

Nuclear Boiler Vessel Instrument

XV-142F041
XV-142F043 A,B
XV-142F045 A,B
XV-142F047 A,B
XV-142F051 A,B,C,D
XV-142F053 A,B,C,D
XV-142F055
XV-142F057
XV-142F059 A,B,C,D,E,F,G,H,L,M,N,P,R,S,T,U
XV-142F061
XV-14201
XV-14202

Nuclear Boiler

XV-141F070 A,B,C,D
XV-141F071 A,B,C,D
XV-141F072 A,B,C,D
XV-141F073 A,B,C,D
XV-141F009

MSIVLCS

XV-13910 B,F,K,P