

3.13 ACCIDENT MONITORING INSTRUMENTATION

Applicability: Applies to the operating status of accident monitoring instrumentation.

Objective: To assure operability of accident monitoring instrumentation.

Specification: A. Relief Valve Position Indicators

1. The accident monitoring instrumentation channels shown in Table 3.13.1 shall be OPERABLE when the mode switch is in the Startup or Run positions.
2. With no accident monitoring instrumentation operable for a relief valve as specified in Table 3.13.1, either restore any inoperable channel to operable status within 7 days, or place the reactor in the SHUTDOWN condition within the next 24 hours. If only the primary* detector or the backup** indicator on a relief valve becomes inoperable, no action is required. The provisions of 3.0.A do not apply.

B. Safety Valve Position Indicators

1. During POWER OPERATION, both primary* and backup** safety valve monitoring instruments are required to be OPERABLE except as provided in 3.13.B.2.
2. If the primary* accident monitoring instrument on a safety valve becomes inoperable, the primary* accident monitoring instruments on an adjacent valve, if OPERABLE, must have its set point appropriately reduced. When a reduced setpoint causes an alarm condition due to background noise, the setpoint may be returned to normal. If the backup** accident monitoring instrument on a safety valve becomes inoperable, no action is required. The provisions of Specification 3.0.A do not apply.

* Acoustic Monitor

** Thermocouple

TABLE 3.13.1

ACCIDENT MONITORING INSTRUMENTATION

<u>INSTRUMENT</u>	<u>TOTAL NO. OF CHANNELS</u>	<u>MINIMUM CHANNELS OPERABLE</u>
1. Relief Valve Position Indicator (Primary Detector*)	1/valve	
Relief Valve Position Indicator (Backup Indications**)	1/valve	
2. Wide Range Drywell Pressure Monitor (PT/PR-53 & 54)	2	1
3. Wide Range Torus Water Level (LT/LR-37 & 38)	2	1
4. Drywell H ₂ Monitor	2	1
5. Containment High Range Radiation	2	1
6. High Range Radioactive Noble Gas Effluent Monitor		
a. Main Stack	1	1
b. Turbine Building Vents	1	1

* Acoustic Monitor

** Thermocouple

Thermocouple TE 65A can be substituted for thermocouple TE210-43V, W, or X

Thermocouple TE 65B can be substituted for thermocouple TE210-43Y or Z