

TempNo.	PI	Topic	Status	Plant/ Co.
83.0	MSPI	Monitored Components	8/27 Introduced & Discussed	Generic

FAQ 83.0

Plant: Generic
Date of Event: NA
Submittal Date: August 25, 2008
Licensee Contact: Ken Heffner
NRC Contact: Nathan Sanfilippo

Performance Indicator: MSPI

Site-Specific FAQ (Appendix D)? No

FAQ requested to become effective when approved.

Question Section

Appendix F Table 2

Background

If a system is designed to auto start, and a control circuit failure results in the monitored component not auto starting (whatever component actually fails) it is a failure to start. If a system is designed to auto start, and a manual start fails, it is not an MSPI failure unless the auto start feature would also have been affected (discovered condition). Control switches (either in the control room or local) that provide the primary means for actuating a component are monitored as part of the component it actuates.

If licensee and NRC resident/region do not agree on the facts and circumstances, explain

The licensee and the NRC agree on this change

Potentially relevant existing FAQ numbers

None

Response Section

If appropriate, provide proposed rewording of guidance for inclusion in next revision.

See attached revision to Table 2.

Figure E-1

Table 2

Component	Component boundary
Diesel Generators	The diesel generator boundary includes the generator body, generator actuator, lubrication system (local), fuel system (local), cooling components (local), startup air system receiver, exhaust and combustion air system, dedicated diesel battery (which is not part of the normal DC distribution system), individual diesel generator control system, cooling water isolation valves, circuit breaker for supply to safeguard buses and their associated control circuit (relay contacts for normally auto actuated components, control board switches for normally operator actuated components ¹).
Motor-Driven Pumps	The pump boundary includes the pump body, motor/actuator, lubrication system, cooling components of the pump seals, the voltage supply breaker, and its associated control circuit (relay contacts for normally auto actuated components, control board switches for normally operator actuated components ¹).
Turbine-Driven Pumps	The turbine-driven pump boundary includes the pump body, turbine/actuator, lubrication system (including pump), extractions, turbo-pump seal, cooling components, and associated control system (relay contacts for normally auto actuated components, control board switches for normally operator actuated components ¹) including the control valve.
Motor-Operated Valves	The valve boundary includes the valve body, motor/actuator, the voltage supply breaker (both motive and control power) and its associated control circuit (relay contacts for normally auto actuated components, control board switches for normally operator actuated components ¹).
Solenoid Operated Valves	The valve boundary includes the valve body, the operator, the supply breaker (both power and control) or fuse and its associated control circuit (relay contacts for normally auto actuated components, control board switches for normally operator actuated components ¹).
Hydraulic Operated Valves	The valve boundary includes the valve body, the hydraulic operator, associated local hydraulic system, associated solenoid operated valves, the power supply breaker or fuse for the solenoid valve, and its associated control circuit (relay contacts for normally auto actuated components, control board switches for normally operator actuated components ¹).

¹If the control circuit for any normally auto actuated component includes the control board switch and a failure of the control board switch prevents auto actuation of the component, it is considered to be a failure of the control circuit within the component boundary.