

TABLE 3.3-5 (Continued)

ENGINEERED SAFETY FEATURES RESPONSE TIMES

<u>INITIATING SIGNAL AND FUNCTION</u>	<u>RESPONSE TIME IN SECONDS</u>
6. <u>Steam Generator Pressure-Low</u>	
a. Main Steam Isolation	≤ 6.9
b. Feedwater Isolation	≤ 80
7. <u>Refueling Water Tank-Low</u>	
a. Containment Sump Recirculation	≤ 80
8. <u>Reactor Trip</u>	
a. Feedwater Flow Reduction to 5%	≤ 20
9. <u>Loss of Power</u>	
a. 4.16 kv Emergency Bus Under-voltage (Loss of Voltage)	≤ 2.2***
b. 4.16 kv Emergency Bus Under-voltage (Degraded Voltage)	≤ 8.4***
10. <u>Steam Generator Level-Low</u>	
a. Steam Driven AFW Pump	≤ 180
b. Motor Driven AFW Pump	≤ 180
11. <u>Steam Generator ΔP-High</u>	
a. Auxiliary Feedwater Isolation	≤ 20.0

TABLE NOTATION

\* Diesel generator starting and sequence loading delays included.

\*\* Diesel generator starting and sequence loading delays not included. Offsite power available.

\*\*\* Response time measured from the incidence of the undervoltage condition to the diesel generator start signal.

(1) Header fill time not included.

9102280067 910219  
PDR ADOCK 05000317  
PDR

TABLE 3.3-5 (Continued)

ENGINEERED SAFETY FEATURES RESPONSE TIMES

<u>INITIATING SIGNAL AND FUNCTION</u>	<u>RESPONSE TIME IN SECONDS</u>
6. <u>Steam Generator Pressure-Low</u>	
a. Main Steam Isolation	≤ 6.9
b. Feedwater Isolation	≤ 80
7. <u>Refueling Water Tank-Low</u>	
a. Containment Sump Recirculation	≤ 80
8. <u>Reactor Trip</u>	
a. Feedwater Flow Reduction to 5%	≤ 20
9. <u>Loss of Power</u>	
a. 4.16 kv Emergency Bus Under-voltage (Loss of Voltage)	≤ 2.2***
b. 4.16 kv Emergency Bus Under-voltage (Degraded Voltage)	≤ 8.4***
10. <u>Steam Generator Level - Low</u>	
a. Motor Driven AFW Pump	≤ 180
b. Steam Driven AFW Pump	≤ 180
11. <u>Steam Generator ΔP-High</u>	
a. Auxiliary Feedwater Isolation	≤ 20.0

TABLE NOTATION

- \* Diesel generator starting and sequence loading delays included.
- \*\* Diesel generator starting and sequence loading delays not included. Offsite power available.
- \*\*\* Response time measured from the incidence of the undervoltage condition to the diesel generator start signal.