

ATTACHMENT 3

Unit 1

Revision

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Replace

TABLE 3.3-5 (Continued)

ENGINEERED SAFETY FEATURES RESPONSE TIMES

<u>INITIATING SIGNAL AND FUNCTION</u>	<u>RESPONSE TIME IN SECONDS</u>
3. <u>Pressurizer Pressure-Low</u>	
a. Safety Injection (ECCS)	$\leq 27.0^{(1)} / 12.0^{(4)}$
b. Reactor Trip (from SI)	≤ 2.0
c. Feedwater Isolation	$\leq 32.0^{(6)}$
d. Containment Isolation-Phase "A"	$\leq 17.0^{(4)}$
e. Containment Purge Isolation	≤ 5.0
f. Auxiliary Feedwater Pumps	Not Applicable
g. Service Water System	$\leq 77.0^{(4)} / 87.0^{(1)}$
4. <u>Differential Pressure Between Steam Lines-High</u>	
a. Safety Injection (ECCS)	$\leq 12.0^{(4)} / 22.0^{(5)}$
b. Reactor Trip (from SI)	≤ 2.0
c. Feedwater Isolation	$\leq 32.0^{(6)}$
d. Containment Isolation-Phase "A"	$\leq 17.0^{(4)} / 27.0^{(5)}$
e. Containment Purge Isolation	Not Applicable
f. Auxiliary Feedwater Pumps	Not Applicable
g. Service Water System	$\leq 77.0^{(4)} / 87.0^{(5)}$
5. <u>Steam Flow in Two Steam Lines-High Coincident</u> <u>with T_{avg} --Low-Low</u>	
a. Steam Line Isolation	≤ 11.0
6. <u>Steam Line Pressure-Low</u>	
a. Safety Injection (ECCS)	$\leq 12.0^{(4)} / 22.0^{(5)}$
b. Reactor Trip (from SI)	≤ 2.0
c. Feedwater Isolation	$\leq 32.0^{(6)}$
d. Containment Isolation-Phase "A"	$\leq 17.0^{(4)} / 27.0^{(5)}$
e. Containment Purge Isolation	Not Applicable
f. Auxiliary Feedwater Pumps	Not Applicable
g. Service Water System	$\leq 77.0^{(4)} / 87.0^{(5)}$
i. Steam Line Isolation	≤ 7.0