

ATTACHMENT 2 TO AEP:NRC:1063
PROPOSED CHANGES TO THE
DONALD C. COOK NUCLEAR PLANT UNITS 1 AND 2
TECHNICAL SPECIFICATIONS

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TABLE 3.3-4 (Continued)

ENGINEERED SAFETY FEATURE ACTUATION SYSTEM INSTRUMENTATION TRIP SETPOINTS

<u>FUNCTIONAL UNIT</u>	<u>TRIP SETPOINT</u>	<u>ALLOWABLE VALUES</u>
6. MOTOR DRIVEN AUXILIARY FEEDWATER PUMPS		
a. Steam Generator Water Level -- Low-Low	\geq 17% of narrow range instrument span each steam generator	\geq 16% of narrow range instrument span each steam generator
b. 4 kv Bus Loss of Voltage	3280 volts with a 2-second delay	3280 \pm 120 volts with a 2 \pm 2 second delay
c. Safety Injection	Not Applicable	Not Applicable
d. Loss of Main Feedwater Pumps	Not Applicable	Not Applicable
7. TURBINE DRIVEN AUXILIARY FEEDWATER PUMPS		
a. Steam Generator Water Level -- Low-Low	\geq 17% of narrow range instrument span each steam generator	\geq 16% of narrow range instrument span each steam generator
b. Reactor Coolant Pump Bus Undervoltage	\geq 2750 Volts--each bus	\geq 2725 Volts--each bus
8. LOSS OF POWER		
a. 4 kv Bus Loss of Voltage	3280 volts with a 2-second delay	3280 \pm 120 volts with a 2 \pm .2 second delay
b. 4 kv Bus Degraded Voltage	3638 volts with a 2.0 min. time delay	3638 \pm 60 volts with a 2.0 minute \pm 6 second time delay

TABLE 3.3-4 (Continued)

ENGINEERED SAFETY FEATURE ACTUATION SYSTEM INSTRUMENTATION TRIP SETPOINTS

<u>FUNCTIONAL UNIT</u>	<u>TRIP SETPOINT</u>	<u>ALLOWABLE VALUES</u>
6. MOTOR DRIVEN AUXILIARY FEEDWATER PUMPS		
a. Steam Generator Water Level -- Low-Low	$\geq 21\%$ of narrow range instrument span each steam generator	$\geq 19.2\%$ of narrow range instrument span each steam generator
b. 4 kv Bus Loss of Voltage	3280 volts with a 2 second delay	3280 ± 120 volts with a 2 ± 0.2 second delay
c. Safety Injection	Not Applicable	Not Applicable
d. Loss of Main Feedwater Pumps	Not Applicable	Not Applicable
7. TURBINE DRIVEN AUXILIARY FEEDWATER PUMPS		
a. Steam Generator Water Level -- Low-Low	$\geq 21\%$ of narrow range instrument span each steam generator	$\geq 19.2\%$ of narrow range instrument span each steam generator
b. Reactor Coolant Pump Bus Undervoltage	≥ 2750 Volts--each bus	≥ 2725 Volts--each bus
8. LOSS OF POWER		
a. 4 kv Bus Loss of Voltage	3280 volts with a 2 second delay	3280 ± 120 volts with a 2 ± 0.2 second delay
b. 4 kv Bus Degraded Voltage	3638 volts with a 2.0 minute time delay	3638 ± 60 volts with a 2.0 minute ± 6 second time delay

COOK NUCLEAR PLANT

UNIT 2

3/4 3-25a

AMENDMENT NO.