

Docket No. 50-423
B14875

Attachment 1

Millstone Nuclear Power Station, Unit No. 3
Proposed Revision to Technical Specifications
Degraded Grid Trip Setpoint Change

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June 1994

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TABLE 3.3-4 (Continued)

ENGINEERED SAFETY FEATURES ACTUATION SYSTEM INSTRUMENTATION TRIP SETPOINTS

FUNCTIONAL UNIT	TOTAL ALLOWANCE (TA)	Z	SENSOR ERROR (S)	TRIP SETPOINT	ALLOWABLE VALUE
8. Loss of Power					
a. 4 kV Bus Undervoltage (Loss of Voltage)	N.A.	N.A.	N.A.	≥ 2800 volts with a ≤ 2 second time delay.	≥ 2720 volts with a ≤ 2 second time delay.
b. 4 kV Bus Undervoltage (Grid Degraded Voltage)	N.A.	N.A.	N.A.	≥ 3010 volts with a ≤ 8 second time delay with ESF actuation or ≤ 300 second time delay without ESF actuation.	≥ 3706 volts with a ≤ 8 second time delay with ESF actuation or ≤ 300 second time delay without ESF actuation.
9. Engineered Safety Features Actuation System Interlocks					
a. Pressurizer Pressure, P-11	N.A.	N.A.	N.A.	≤ 1985 psig	≤ 1995 psig
b. Low-Low T_{avg} , P-12	N.A.	N.A.	N.A.	$\geq 553^{\circ}\text{F}$	$\geq 549.6^{\circ}\text{F}$
c. Reactor Trip, P-4	N.A.	N.A.	N.A.	N.A.	N.A.
10. Emergency Generator Load Sequencer	N.A.	N.A.	N.A.	N.A.	N.A.

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Attachment 2

Millstone Nuclear Power Station, Unit No. 3
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TABLE 3.3-4 (Continued)

ENGINEERED SAFETY FEATURES ACTUATION SYSTEM INSTRUMENTATION TRIP SETPOINTS

<u>FUNCTIONAL UNIT</u>	<u>TOTAL ALLOWANCE (TA)</u>	<u>Z</u>	<u>SENSOR ERROR (S)</u>	<u>TRIP SETPOINT</u>	<u>ALLOWABLE VALUE</u>
8. Loss of Power					
a. 4 kV Bus Undervoltage (Loss of Voltage)	N.A.	N.A.	N.A.	≥ 2800 volts with $a \leq 2$ second time delay.	≥ 2720 volts with $a \leq 2$ second time delay.
b. 4 kV Bus Undervoltage (Grid Degraded Voltage)	N.A.	N.A.	N.A.	≥ 3730 volts with $a \leq 8$ second time delay with ESF actuation or ≤ 300 second time delay without ESF actuation.	≥ 3706 volts with $a \leq 8$ second time delay with ESF actuation or ≤ 300 second time delay without ESF actuation.
9. Engineered Safety Features Actuation System Interlocks					
a. Pressurizer Pressure, P-11	N.A.	N.A.	N.A.	≤ 1985 psig	≤ 1995 psig
b. Low-Low T_{avg} , P-12	N.A.	N.A.	N.A.	$\geq 553^{\circ}\text{F}$	$\geq 549.6^{\circ}\text{F}$
c. Reactor Trip, P-4	N.A.	N.A.	N.A.	N.A.	N.A.
10. Emergency Generator Load Sequencer	N.A.	N.A.	N.A.	N.A.	N.A.