

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. | <div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> ≥ 3010 volts with a ≤ 8 second time delay with ESF actuation or ≤ 300 second time delay without ESF actuation. </div> | ≥ 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. |

MILLSTONE - UNIT 3

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Amendment No. 12, 70

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Attachment 2

Millstone Nuclear Power Station, Unit No. 3
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Degraded Grid Trip Setpoint Change

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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. |