

Docket No. 50-336  
B16343

Attachment 3

Millstone Nuclear Power Station, Unit No. 2  
Proposed Revision to Technical Specifications  
Meteorological Instrumentation  
Marked Up Pages

May 1997

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Table 3.3-8

METEOROLOGICAL MONITORING INSTRUMENTATION

<u>INSTRUMENT</u>	<u>LOCATION</u>	<u>INSTRUMENT MINIMUM ACCURACY</u>	<u>MINIMUM CHANNELS OPERABLE</u>
1. WIND SPEED			
a. Nominal Elev. 142 ft. (43.3 m)		$\pm 0.22 \text{ m/sec}^*$	1
b. Nominal Elev. 374 ft. (114 m)		$\pm 0.22 \text{ m/sec}^*$	1
2. WIND DIRECTION			
a. Nominal Elev. 142 ft. (43.3 m)		$\pm 5^\circ$	1
b. Nominal Elev. 374 ft. (114 m)		$\pm 5^\circ$	1
3. AIR TEMPERATURE - DELTA T			
a. Nominal Elev. 142 ft. (43.3 m)		$\pm 0.18^\circ\text{F} \pm 0.56^\circ\text{C} (\pm 1.0^\circ\text{F})$	1
b. Nominal Elev. 374 ft. (114 m)		$\pm 0.18^\circ\text{F} \pm 0.56^\circ\text{C} (\pm 1.0^\circ\text{F})$	1

(i) Wind Speed  $\leq 2.2 \text{ m/sec}$  (5 mph);  
 $\pm 0.22 \text{ m/sec}^*$  (0.5 mph)

(ii) Wind Speed  $> 2.2 \text{ m/sec}$  (5 mph);  
 $\pm 10\%$  of measured value\*

\* Starting speed of anemometer shall be  $< 0.45 \text{ m/sec}$ .

(1.0 mph)

INSTRUMENTATIONBASES3/4.3.3.2 INCORE DETECTORS

The OPERABILITY of the incore detectors with the specified minimum complement of equipment ensures that the measurements obtained from use of this system accurately represent the spatial neutron flux distribution of the reactor core. Removal and insertion of the Incore Detectors does not constitute a CORE ALTERATION per Specification 1.12.

3/4.3.3.3 SEISMIC INSTRUMENTATION

The OPERABILITY of the seismic instrumentation ensures that sufficient capability is available to promptly determine the magnitude of a seismic event and evaluate the response of those features important to safety. This capability is required to permit comparison of the measured response to that used in the design basis for the facility.

3/4.3.3.4 METEOROLOGICAL INSTRUMENTATION

The OPERABILITY of the meteorological instrumentation ensures that sufficient meteorological data is available for estimating potential radiation doses to the public as a result of routine or accidental release of radioactive materials to the atmosphere. This capability is required to evaluate the need for initiating protective measures to protect the health and safety of the public. This instrumentation is consistent with the recommendations of Regulatory Guide 1.23 "Onsite Meteorological Programs."

3/4.3.3.5 REMOTE SHUTDOWN INSTRUMENTATION

The OPERABILITY of the remote shutdown instrumentation ensures that sufficient capability is available to permit shutdown and maintenance of HOT SHUTDOWN of the facility from locations outside of the control room. This capability is required in the event control room habitability is lost and is consistent with General Design Criteria 19 of 10 CFR 50.

except for the recommendations regarding the minimum accuracies for the instrumentation used to monitor air temperature - delta T and wind speed (when wind speed is greater than 2.2 m/sec (5mph)).

Attachment 4

Millstone Nuclear Power Station, Unit No. 2  
Proposed Revision to Technical Specifications  
Meteorological Instrumentation  
Retyped Pages

May 1997

Table 3.3-8

METEOROLOGICAL MONITORING INSTRUMENTATION

<u>INSTRUMENT</u>	<u>LOCATION</u>	<u>INSTRUMENT MINIMUM ACCURACY</u>	<u>MINIMUM CHANNELS OPERABLE</u>
1. WIND SPEED			
a. Nominal Elev. 142 ft. (43.3 m)		(i) Wind Speed $\leq$ 2.2 m/sec (5 mph); $\pm$ 0.22 m/sec* (0.5 mph)	1
		(ii) Wind Speed $>$ 2.2 m/sec (5 mph); $\pm$ 10% of measured value*	
b. Nominal Elev. 374 ft. (114 m)		(i) Wind Speed $\leq$ 2.2 m/sec (5 mph); $\pm$ 0.22 m/sec* (0.5 mph)	1
		(ii) Wind Speed $>$ 2.2 m/sec (5 mph); $\pm$ 10% of measured value*	
2. WIND DIRECTION			
a. Nominal Elev. 142 ft.(43.3 m)		$\pm$ 5°	1
b. Nominal Elev. 374 ft.(114 m)		$\pm$ 5°	1
3. AIR TEMPERATURE - DELTA T			
a. Nominal Elev. 142 ft.(43.3 m)		$\pm$ 0.56°C ( $\pm$ 1.0°F)	1
b. Nominal Elev. 374 ft.(114 m)		$\pm$ 0.56°C ( $\pm$ 1.0°F)	1

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## INSTRUMENTATION

### BASES

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#### 3/4.3.3.2 INCORE DETECTORS

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