Fogging Frequency Curve for
Victorville Power Project - Victorville, CA
Not Plume Abated

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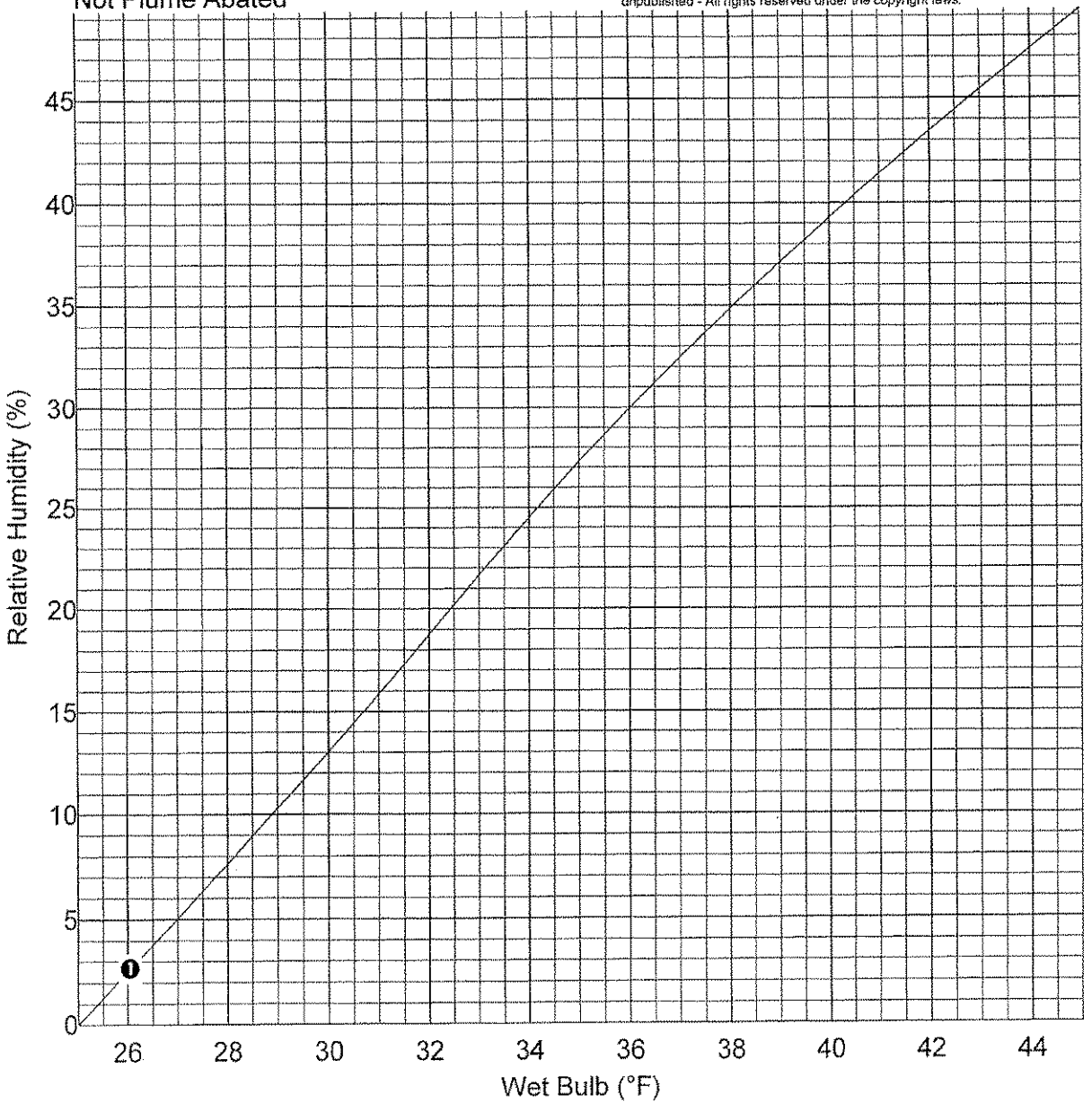

SPX Cooling Technologies
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Model	F4910-7.9-10B
Number of Cells	10
Motor Output	194HP
Motor RPM	1800
Fan	384HP7-9
Fan RPM (Full Speed)	112

Design Conditions:

Flow Rate	123080GPM
Hot Water	108.90°F
Cold Water	83.25°F
Wet-Bulb	78.00°F

Curve Conditions:

Fan Pitch	Constant
Flow Rate (100% Design Flow)	123080GPM
Tangency	99.9%

FOGGING FREQUENCY CURVE: The curve shown to the left is referred to as a 'Fogging Freqency Curve'. The Fogging Freqency Curve separates entering cooling tower conditions that produce fog at the discharge (Top-Left region of chart) from those that do not produce fog (Bottom-Right region of chart)

❶ 25.65 °F Range
X Design Point

Figure DR101 Fogging Frequency Curve