

ATTACHMENT 1

Limerick Generating Station
 Summary of Tower 1 and Tower 2 Hourly Meteorological Data Comparisons
 (10/15/83 - 12/31/84)(1)

Meteorological Parameter	Tower 1 Sensor Elevation Above Grade ⁽²⁾	Tower 2 Sensor Elevation Above Grade ⁽²⁾	Comparison Criteria	% Data Agreement
Wind Speed	30'	159'	± 2mph	84
	175'(3)	304'	± 2mph	90
Wind Direction	30'	159'	± 1	82
	175'(3)	304'	Sector	93
Air Temperature Difference (Stability)	266'-26'(3)	300'-26'	± 1 PG Class	97
Sigma Theta(4) (Stability)	175'	304'	± 1 PG Class (Spd. > 3mph)	91

Notes: (1) Comparison of all hours during which valid data existed at both towers.

(2) Ground Elevation: Tower 1 - 250' MSL, Tower 2 - 121' MSL

(3) Representative elevation for vent release

(4) Presented for comparison purposes only - Not used for stability determination at LGS

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