Abstract: We study the linear dynamics of spectrally stable $T$-periodic stationary solutions of the Lugiato-Lefever equation (LLE), a damped nonlinear Schrödinger equation with forcing that arises in non-linear optics. It is known that such $T$-periodic solutions are nonlinearly stable to $NT$-periodic, i.e. subharmonic, perturbations for each $N \in \mathbb{N}$ with exponential decay rates of the form $e^{-\delta_N t}$. However, both the exponential rates of decay $\delta_N$ and the allowable size of initial perturbations tend to 0 as $N \to \infty$ so that this result is non-uniform in $N$ and is, in fact, empty in the limit $N = \infty$. The primary goal of this talk is to introduce a methodology, in the context of the LLE, by which a uniform stability result for subharmonic perturbations may be achieved, at least at the linear level.