The visible electronic spectrum of the nickel hydride (NiH) is recorded with rotational resolution by intracavity laser absorption spectroscopy (ILS). A dye laser based ILS system is used to record the spectra. The gas phase NiH molecules were produced in an electric discharge using a nickel hollow cathode in a pure hydrogen atmosphere at 2-3 torr total pressure. Transitions are observed from the v=0 \( X^2 \Delta_{5/2} \) state to various vibrational levels of several excited states, including the \( \Lambda^2 \Delta_{9/2}, B^2 \Delta_{5/2}, \Lambda^2 \Delta_{3/2}, \text{and} \ ^2\Phi_{7/2} \) states. Peak positions for the NiH isotopomers will be presented for transitions involving these levels.