Let \( \mathbb{R}_\tau \) denote the real numbers equipped with the topology \( \tau \). Suppose \( \tau \) is a topology on the real numbers \( \mathbb{R} \) which is finer than the usual topology such that \( \mathbb{R}_\tau \) is a weak \( P \)-space, that is, a space in which countable sets are closed. We are interested in the lattice \( C(X, \mathbb{R}_\tau) \). Recall that a lattice \( L \) is conditionally (\( \sigma \))-complete if every (countable) subset of \( L \) which is bounded above has a supremum. A lattice \( L \) is said to have the property (I) if the following holds: for any two countable sets \( \{x_n\}, \{y_m\} \) with \( x_n \leq y_m \) for all natural numbers \( n, m \), there exists \( h \) in \( L \) such that \( x_n \leq h \leq y_n \) for all \( n \). We characterize when \( C(X, \mathbb{R}_\tau) \) is conditionally (\( \sigma \))-complete and when it has the property (I). (Received September 08, 2005)