Problem 2-17) $\nabla \cdot S(r) = \nabla \cdot [E(r) \times H(r)] = H(r) \cdot \nabla \times E(r) - E(r) \cdot \nabla \times H(r).$ In static situation $\nabla \times E(r) = -\partial B(r)/\partial t = 0.$ Also, $\nabla \times H(r) = J_{\text{free}}(r) + \partial D(r)/\partial t = J_{\text{free}}(r)$ in magnetostatics. Therefore, $\nabla \cdot S(r) = -E(r) \cdot J_{\text{free}}(r) = 0.$