In the autumn, Dickson again proceeded to Prairie du Chien and spent the winter in the vicinity, organizing the Indians for the defense of that place and a prospective attempt upon St. Louis. In the spring of 1815 he returned to Mackinac, but soon after his arrival quarreled with Colonel McDouall, who arbitrarily superseded him in his employment and dismissed him from the service.

After the conclusion of peace he continued to trade in the Northwest for some years longer. In 1823, however, his family was enumerated as residing in the township of Willoughby near the present village of Chippawa, Ontario. He is said to have returned soon afterwards to Scotland, where he ended his days.