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Jack Porter* (porter@ku.edu), University of Kansas, 1460 Jayhawk Blvd, Department of Mathematics, Rm 405, Lawrence, KS 66045. *Extending the Tychonoff process of generating H-closed extensions*. Preliminary report.

In response to a question by Alexandroff and Urysohn in 1924, Tychonoff, in 1930, proved that every Hausdorff space can be embedded in an H-closed space, but he did not know if this embedding was dense. In 1992, the author showed that the Tychonoff embedding was dense. In this talk a number of the results in the 1992 paper about various H-closed extensions and θ -covers are extended and analyzed. (Received September 24, 2017)