IMPROVED SEISMIC DESIGN OF NONSTRUCTURAL COMPONENTS AND SYSTEMS (ATC-120)

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ABSTRACT

NIST, through the ATC-120 Project, has sponsored a detailed investigation into the basis of nonstructural seismic design provisions for the purpose of making improvements with the largest impact to public safety and economic welfare. Development is nearing completion, resulting in a proposed set of nonstructural performance objectives intended to serve as the basis of nonstructural code provisions. In addition to considering minimum performance objectives, the ATC-120 project recognized that many owners are interested in enhanced performance and many communities and regions are endeavoring to become more resilient in the face of earthquakes. Recommendations and considerations for achieving enhanced levels of nonstructural performance are provided.

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