Jessica Lovering is the director of the Energy Program at The Breakthrough Institute, where she has worked on nuclear energy policy since 2012. Ms. Lovering's research has focused on how innovation in nuclear energy can bring down costs and accelerate deployment to help mitigate climate change, which she has detailed in the reports *How to Make Nuclear Cheap* and *How to Make Nuclear Innovative*.

Jessica was lead author on the peer-reviewed paper, "Historical Construction Costs of Global Nuclear Power Reactors," which was the top-rated paper in *Energy Policy* for over a year. She co-authored the report *Atoms for Africa: Is There a Future for Civil Nuclear Energy in Sub-Saharan Africa?* and has worked with experts from R Street Institute and ClearPath to publish a set of policy recommendation around micronuclear in *Planting the Seeds of a Distributed Nuclear Revolution*. Ms. Lovering has also published more broadly on energy innovation and clean energy standards.

Ms. Lovering holds a B.A. in Astrophysics from the University of California, Berkeley, as well as an M.S. in Astrophysics and Planetary Science and an M.S. in Environmental Policy, both from the University of Colorado, Boulder. She also worked for two years on NASA's New Horizons mission, which flew by Pluto in July 2015. Currently she is completing a Ph.D. at Carnegie Mellon University in Engineering and Public Policy, for which her dissertation focuses on the impact of reduced U.S. trade in nuclear technologies to U.S. influence in international nuclear governance.

Ms. Lovering has not previously testified before the Commission.