## FLORIDA COMMISSION ON HURRICANE LOSS PROJECTION METHODOLOGY

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June 2, 2023

Dr. Lauren Mudd Senior Engineer Applied Research Associates, Inc. 8537 Six Forks Road Suite 600 Raleigh, North Carolina 27615

Dear Dr. Mudd,

Floyd Yager, FCAS, Chair Actuary, Florida Hurricane Catastrophe Fund Advisory Council

> Steve Paris, Ph.D., ASA, Vice Chair Statistics Expert, Florida State University

Kevin Guthrie Director, Florida Division of Emergency Management

Sean Martin, Ph.D., P.E. Licensed Professional Structural Engineer FSU/FAMU College of Engineering

> Masoud Sadjadi, Ph.D. Computer System Design Expert Florida International University

Hugh Willoughby, Ph.D. Meteorology Expert, Florida International University

Gina Wilson, ARe, CPM, CPCU Chief Operating Officer, Florida Hurricane Catastrophe Fund

This will confirm the finding of the Florida Commission on Hurricane Loss Projection Methodology on June 2, 2023, that the Applied Research Associates, Inc. model has been determined acceptable for projecting hurricane loss costs and hurricane probable maximum loss levels for residential rate filings. The determination of acceptability expires on November 1, 2025.

The Commission has determined that the HurLoss Florida Model version 11.0 on ARA-HurLoss 11.0 (*primary platform*), limited to the specific options acceptable for use in a Florida rate filing identified in Hurricane Standard A-1, Hurricane Modeling Input Data and Output Reports, Disclosure 6, and as selected in the input form provided in Disclosure 4, and reported in the output form provided in Disclosure 5:

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- a. complies with the hurricane standards adopted by the Commission on October 26 & 27, 2021, and
- b. is sufficiently accurate and reliable for projecting hurricane loss costs and hurricane probable maximum loss levels for residential property in Florida.

On behalf of the Commission, I congratulate you and your colleagues. We appreciate your participation and input in this process.

Sincerely,

Floyd Yager, Chair

Florida Commission on Hurricane Loss Projection Methodology