Dr. Jean Ragusa Nuclear Engineering Dept. Texas A&M University College Station, TX

August 19, 2014

Professor William Martin, Editor, Journal of Computational Physics, Re: Ref. No. JCOMP-D-13-00928

Dear Dr. Martin,

Attached please find a revised version of our manuscript entitled "Discontinuous Finite Element Solution of the Radiation Diffusion Equation on Arbitrary Polygonal Meshes and Locally Adapted Quadrilateral Grids" by J. C. Ragusa, for publication in the Journal of Computational Physics. We appreciate the comments of the reviewers as we believe they have allowed us to improve the paper.

We have attached a file of detailed responses for both Reviewers. We believe that we have adequately addressed all of their questions and hope that our paper will be found suitable for publication.

We remain available for any further questions, should there be any.

Best regards,

Bruno Turcksin and Jean Ragusa