

The purpose of this modification is to:

1. Change the Principal Investigator from George Apostolakis to Jacopo Buongiorno.
2. Change the Cooperative Agreement end-date from September 30, 2012 to October 31, 2010.
3. As a result of the period of performance reduction, the Cooperative Agreement funding for FY 2010 (\$152,365) and FY 2011 (\$157,494) is eliminated by a total of \$309,859; thus reducing the total agreement funding amount to \$290,141.
4. As a result of the period of performance reduction, the work descriptions for Years 3 and 4 is hereby removed the Cooperative Agreement.
5. The work description for Year 2 is hereby revised to reflect the following program description change:
 1. Production of an enhanced version of the Year 1 report suitable for NUREG/CR Publication.
 2. Travel to, and presentation of the Year 1 report at, a June 2010 conference
 3. Travel is authorized to support the NRC-related aspects of the fire PRA work primarily supported by the US Navy.

All other terms and conditions remain the same.