UNIVERSITY OF CALIFORNIA

DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES

JAMES GOLINVEAUX

Peripatetic Scholar

I, James Golinveaux, declare as follows:

1. I am a Senior Fellow of water suppression products at Tyco Fire Protection Products. The following facts are based upon my own personal knowledge and, if called upon to do so, I could and would testify competently hereto.

2. Tyco Fire Protection Products is a leading manufacturer of water-based fire suppression system components and ancillary building construction products. Tyco manufactures a wide variety of sprinklers, system valves and devices, piping and electrical products, and specialty systems for effective fire protection in commercial, industrial, institutional, and residential buildings.

3. I have more than 30 years of experience in the fire protection industry, and my particular field of expertise is in the development of fire sprinklers for use in buildings. I hold 21
United States and 29 foreign patents in automatic sprinkler technology, and I currently have 38 pending applications for United States and foreign patents. In 2014 I received the Henry S. Parmalee award, the American Fire Sprinkler Association’s highest honor, in recognition of my work in the research and design of fire sprinklers to improve fire safety. As part of my professional activities, I travel around the world to deliver lectures and training on fire safety issues to a wide variety of audiences.

4. I am familiar with the work of the National Fire Protection Association ("NFPA"), and I have been personally involved in NFPA’s standards development process for many years. For example, I have been a member of the NFPA 13 Technical Committee for more than 20 years. NFPA 13 is the Standard for the Installation of Sprinkler Systems. I have also been a Technical Committee member for several other NFPA standards, including NFPA 101, the Life Safety Code. In addition, I am currently a member of NFPA’s Standards Council.

5. Fire safety professionals and the fire protection industry benefit greatly from the standards developed by NFPA through its voluntary consensus process. It is critical to have one central association that can attract contributors from a variety of perspectives, coordinate and host Technical Committee meetings, and ultimately develop and publish standards that reflect the broadest possible consensus about fire safety techniques and that can be used widely throughout the country.

6. NFPA’s voluntary consensus process results in the creation of uniform industry-wide standards. Professionals across the industry rely on the existence of these standards, and this industry-wide uniformity could not be achieved without NFPA or a similar organization with the resources to devote to standards development.
7. It is especially important to have an independent association that brings together the expertise of many different stakeholders and creates an open and structured standards development process designed to accommodate input from many sources and achieve consensus. The voluntary consensus process is costly, but in my experience it results in the highest quality standards in the area of fire safety.

8. In my experience participating in NFPA’s standards development process, I have observed the significant costs that NFPA incurs to develop its standards. I understand that this process is primarily funded by revenue obtained from the sale of NFPA publications.

9. NFPA also provides resources on which fire safety professionals rely in interpreting and implementing NFPA standards. These include expert technical staff who provide interpretations of the standards, training and education programs, and a research arm. These resources significantly enhance the value and utility of NFPA standards. I understand that these resources are primarily funded by revenue obtained from the sale of NFPA publications.

10. In my experience in the fire sprinkler industry, NFPA 13 and other standards used in the industry are accessible to the professionals who use them, including manufacturers, architects, engineers, and contractors. NFPA distributes standards through a variety of channels and in a variety of formats. Professionals who work with fire sprinklers are familiar with NFPA standards and able to obtain them with little difficulty and at reasonable cost.

11. Before I became a member of any NFPA Technical Committees, I submitted a committee application in which I agreed that all copyrights and other rights in the Committee’s work were owned by NFPA. I also agreed that, to the extent I had any rights in my work in connection with the Committee, either individually or in connection with others, I expressly assigned all such rights to NFPA.
12. In my work on NFPA Technical Committees, it has always been my express
intention that my contributions to the standards would be fully owned by NFPA, and that NFPA
would own the copyright in the completed standards on which I worked.

13. In my experience working on NFPA Technical Committees, all Committee
members have known that NFPA publishes the final standards, owns the copyright in those
standards, and affixes copyright notices to the standards. In my experience, the Technical
Committee members understand and agree that all copyrights and other rights in the work of the
Technical Committee is owned by NFPA.

I declare under penalty of perjury under the laws of the United States that the foregoing is
ture and correct.

Executed in Quincy, MA on November 17, 2015

James Golinveaux