

NRC Staff Comments on NFPA 805 Frequently Asked Questions (May 26, 2015)

FAQ 14-0071 – Acceptable Uses for Non IEEE 383 Cables – April 13, 2015 Revision 0a

1. The NRC, the authority having jurisdiction, has accepted FAQ 06-0022 as acceptable flame propagation tests. This FAQ states that these cables are consistent with FAQ 06-0022. What is unique about this FAQ that isn't bounded by FAQ 06-0022? "In accordance with RIS 2007-19, the guidance in [FAQ 06-0022] is acceptable for use by licensees in transition." (Is this FAQ to address the equivalency of Flame Test (ICEA S-61-402) – since that test is not included in FAQ 06-0022 as more severe than IEEE-383? – all the other tests referenced in this FAQ are described as exceeding IEEE 383.)

2. The Appendix K Modification discussion is overly broad. The staff suggests the following revision to focus on the crane cable application:

"To comply with the requirement "Electrical cable construction shall comply with a flame propagation test as acceptable to the AHJ" where used in section 3.3.5.3, one acceptable ~~application method~~ is as follows:

Cables that ~~require special properties (e.g., high flexibility)~~ are specifically designed and constructed for crane applications (e.g., high flexibility) and are not ~~always~~ qualified to IEEE Std 383 or equivalent . . ."

3. The basis applies only to crane cables.