

FOIA REQUEST

Case No: 2016-0356

Date Rec'd 3/14/16

Specialist \_\_\_\_\_

Related Case \_\_\_\_\_

**FOIA Resource**

**From:** David Lochbaum <dlochbaum@ucsusa.org>  
**Sent:** Friday, March 11, 2016 5:42 PM  
**To:** FOIA Resource  
**Subject:** WWW Form Submission

Below is the result of your feedback form. It was submitted by David Lochbaum (dlochbaum@ucsusa.org) on Friday, March 11, 2016 at 17:41:50 through the IP 216.246.75.14 using the form at <http://www.nrc.gov/reading-rm/foia/foia-submittal-form.html> and resulted in this email to foia.resource@nrc.gov

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Desc: Copies of all videos shown during session TH 32 - Improving Realism in Fire Probabilistic Risk Assessments on March 10, 2015, during the Regulatory Information Conference, plus all other videos in the NRC's possession of high energy arc fault testing conducted since January 1, 2013.

FeeCategory: Educational

MediaType:

MediaType\_Other\_Description:

Expedite\_ImminentThreatText:

Expedite\_UrgencyToInformText:

Waiver\_Purpose: UCS has monitored fire protection safety issues for decades. Fire protection safety has been among our top focus areas for the past 15 years. The high energy arc fault (HEAF) issue has fire protection

safety implications. I attended this RIC session and seek the videos to supplement my understanding of the issue.

Waiver\_ExtentToExtractAnalyze: I have already downloaded the slides posted to the NRC RIC website from this session. I will follow the HEAF issue recently entered into the NRC's generic issues program. I will review the requested videos along with the documentation available in ADAMS to understand how it affect fire protection safety measures.

Waiver\_SpecificActivityQuals: Presenters showed the videos during the RIC session to convey the magnitude and duration of HEAF events. UCS seeks these videos, and videos from other HEAF tests but not shown during this RIC session, to understand the factors that determine the severity of HEAF events. The videos showed that HEAF location (e.g., motor-control center cabinet vs. higher voltage metal-clad power cabinets) and conductor material (i.e., aluminum) affect the severity of the events. I will review the videos to better understand those causal factors. The effort will likely result in reports, presentations, webinars, and commentaries about the HEAF problem and its potential consequences. UCS recently posted commentaries about the open phase condition issue raised by seven NRC workers. Our commentaries were widely read by citizens and reporters across the country. We anticipate a similar audience for the results from our work on this issue.

Waiver\_ImpactPublicUnderstanding: UCS strives to produce materials that explain nuclear safety issues to broad audiences. The HEAF issue is highly technical. The presentations from the session posted to the NRC's website are hard to understand by a broad audience. UCS will try to communicate the HEAF issue in plain English. In addition, the available information does not discuss, at all, the potential consequences from a HEAF event. UCS will explain, in plain English, why HEAF events pose a nuclear safety problem.

Waiver\_NatureOfPublic: The NRC staff recently entered the HEAF issue into the agency's generic issues program. This demonstrates that the HEAF issue affects multiple nuclear plant sites. Nearly 150,000 million Americans live within 50 miles of potentially affected U.S. nuclear power plants. If even a small minority of that targeted population gets reached by UCS's efforts, it is still a large group of individuals.

Waiver\_MeansOfDissemination: UCS will likely develop reports posted to [www.ucsusa.org](http://www.ucsusa.org) and commentaries posted to our [AllThingsNuclear.org](http://AllThingsNuclear.org) blog. UCS may also develop testimony and presentations to the US Congress and the NRC Commission.

Waiver\_FreeToPublicOrFee: Materials posted to the UCS website and blog site are available for viewing/downloading free of charge.

Waiver\_PrivateCommericalInterest: None

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