

From: *PKZ* Peter Koltay
 To: Eva Brown; Kolaczowski, Alan M.; Phil Qualls; Ray Gallucci; Rebecca Nease
 Date: Tue, Apr 20, 2004 8:22 AM
 Subject: RE: Re: Call from NEI ~ Question

detection detection detection, now lets move ooooooooooooooooooooo

>>> "Kolaczowski, Alan M." <ALAN.M.KOLACZKOWSKI@saic.com> 04/19/04 11:11PM >>>

SAIC

Ray: Certainly as a general rule, we are counting time zero as the detection of the fire. This is especially relevant for when things need to start for preparing for and eventually taking preemptive actions like we have been talking about.

However, while this is generally true for making timelines, for those licensees that want to take credit for reactive actions, the critical time starts when the undesired event occurs and the time of concern deals with how fast the crew "detects" the undesired event and then how long it takes to perform the desired response once the undesired event is detected (e.g., a AFW valve suddenly spurious closes (so now AFW stops flowing) and the crew must detect the loss of AFW flow, discern where the problem is, and reopen the valve manually or line up an alternate train or whatever).

It has never been clear to me how licensees come up with the time by which the action must be taken in either case (but especially for the reactive case, when the time of the undesired event is "random") unless a worse case for the timing can be defined and assumed to be necessary for all fires. But perhaps we can get clarification on that, later, if/as necessary.

Hope this does not muddy the situation, but helps in your response. Alan K.

*AFW
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CC:

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