

**From:** Ray Gallucci *RG*  
**To:** ManAx  
**Date:** Fri, Jan 23, 2004 8:03 AM  
**Subject:** Fwd: Re: Operator Manual Action Rulemaking - HRA Workshop Summary, Day 1

For discussion

Information in this record was deleted  
in accordance with the Freedom of Information  
Act, exemptions 5  
FOIA- 2004-277

*p-16*

**From:** James Downs  
**To:** Eva Brown; Ray Gallucci *nm*  
**Date:** Fri, Jan 23, 2004 8:16 AM  
**Subject:** Re: Operator Manual Action Rulemaking - HRA Workshop Summary, Day 1

Eva,

Yeah, I wasn't sure what nomenclature to use for that... I was trying to say the time of the start of the manual action (which would be at fire detection), but I can see where it would be looked at as the start of the fire (which we all know after yesterday's and previous discussions isn't valid in this timeline - only the thermo/hydro one). I switched it to t-start to avoid the confusion... thanks for catching that.

-JD

>>> Eva Brown 01/23/2004 8:07:17 AM >>> *nm*  
Jim,

t=0 will most likely not have the action and the fire starting at the same time. You should probably add an additional t=start for this to accurate.

Erasmia has some timelines that I have gathered through training and one provided by Progress Energy, that may be useful to continue to flesh this out.

- Eva

✓>>> James Downs Thursday, January 22, 2004 5:03:44 PM >>> *nm*  
Here's the graphic timeline I did up... feel free to do what you like to it.