



B2/75

### OLD REPORT

Time after shutdown	1 year	5 years
Frequency of fuel uncover	$< 3 * 10^{-6}$ /yr	$< 3 * 10^{-6}$ /yr
Assumed frequency of unventilated cases	0 /yr	0 /yr
Consequence of fuel uncover	~ 10 hours until zirconium fire	zirconium fire can't occur
EP recommendation	ad hoc EP	no EP (like ISFSI)

### NEW REPORT

Time after shutdown	[Joe] years - time will be function of fuel burnup
Frequency of fuel uncover	$< 10^{-6}$ /yr w/ + w/o ventilation
Estimated frequency of unventilated cases	$> 10^{-7}$ /yr
Consequence of fuel uncover	~ 10 hours until zirconium fire
EP recommendation	ad hoc EP

1 yr  
10 hrs  
unvent

Time after shutdown	[Joe**] years	
Frequency of initiating events	$< 10^{-6}$ /yr	
Estimated frequency of unventilated cases	$> 10^{-6}$ /yr	
Two cases, depending on initiating event frequency:	~ $10^{-6}$ /yr	$< 10^{-7}$ /yr (with licensee analysis)
Time until zirconium fire	$> [Joe^{***}]$ hours	$> [Joe]$ hours
EP recommendation	ad hoc EP - Commission to decide	no EP (like ISFSI) - Commission to decide

1 yr

\* With help (Nelson + Hartam - )  
 \*\* For ventilated case, years to steady state with temperature < [Charlie]  
 \*\*\* For unventilated case, years versus burnup

Partial breakdown + structural