

Question 1

Has the NRC examined the possibility for a spent fuel pool to go critical at decommissioned plants? If so, has a determination been made that shows that it is/is not a credible event?

Question 2

If a SFP criticality event is credible for decommissioning plants, shouldn't the NRC also be concerned about SFP criticality for operating plants?

Question 3

How long does it take for fuel to decay in a spent fuel pool and what affect does this have on the spent fuel pool going critical? (Window of vulnerability)

Question 4

If the pool goes critical, could the pool also go supercritical?

Question 5

What type of scenarios have the NRC postulated that could lead to criticality in a SFP and what is the NRC doing to explore those potential risk significant scenarios that could lead to criticality?

Question 6

On average, how much time would it take for a SFP to go critical and what role could human error play in a SFP criticality event?

Question 7

Can what happened in Japan occur in a SFP?

Question 8

What is the moderator temperature coefficient in SFP?

Question 9

If the pool is drained and water is added to the pool by fire hoses or other portable equipment, could this result in deboration, which could lead to criticality?

Question 10

In a SFP, what type of protective measures are required by the NRC to prevent the spent fuel from going critical?

Question 11

What type of requirements does the NRC have that ensure that offsite help or fire departments could arrive to the plant in a timely manner to reflood the pool and prevent offsite releases.

Question 12

How many BWR's have Boraflex? How much boral would have to be lost before criticality is a concern?

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Question 13

How does the NRC handle Boraflex inspection of SFP's?

Question 14

Is there a QA program that monitors/inspects the integrity of the Boraflex ? Is aging of Boraflex an NRC concern?

Question 15

If fuel is stored in the SFP for operating and decommissioned plants, then why should the regulations change to allow for less regulation?

Environmental Questions

Question 1

What are the chances that a complete draindown of the SFP occurs and could this result in underground contamination to the ground water for the surrounding community?

Question 2

If a SFP criticality event occurs at a decommissioned plant, how much radiation would be released from it and what type of protective measures for public safety would be in place?