

From: David Pelton *DP*
To: Neil Sheehan
Date: 4/23/04 1:00PM
Subject: Re: Visual aids for VY spent fuel segments loss issue

Neil,

Would a digital picture of the VY "bucket" thought to contain the fuel pins be helpful?

dave p. *DP*

>>> Neil Sheehan 04/23/04 12:58PM >>>
Tom,

Per your request, I found the following visual resources that might help us to better explain to our various stakeholders what's involved in the loss of the spent fuel rod segments at Vermont Yankee:

A DOE fact sheet on nuclear waste shows a section of a single rod being held in someone's hand, as well as a number of pellets from a rod: <http://www.ocrwm.doe.gov/ymp/about/keyfacts.shtml>

The NRC Information Digest, on Page 88, features a graphic showing a cutaway view of a single fuel rod as well as a graphic of a fuel assembly:
<http://www.nrc.gov/reading-rm/doc-collections/nureqs/staff/sr1350/v15/sr1350v15.pdf>

The student section of the NRC's web site contains a photo of a single rod being inspected:
<http://www.nrc.gov/reading-rm/basic-ref/students/radiation.html>

A photo of a fuel assembly, containing dozens of rods:
http://nrr10.nrc.gov/cgi-bin/imageFolio.cgi?action=view&link=NUCLEAR_WASTE/Spent_Fuel&image=fuel.jpg&img=&tt=

A photo of a spent fuel pool:
http://nrr10.nrc.gov/cgi-bin/imageFolio.cgi?action=view&link=NUCLEAR_WASTE/Spent_Fuel&image=Spf3.jpg&img=16&tt=

Another photo of a spent fuel pool:
http://nrr10.nrc.gov/cgi-bin/imageFolio.cgi?action=view&link=NUCLEAR_WASTE/Spent_Fuel&image=pool.jpg&img=&tt=

Neil

C-148

Mail Envelope Properties (40894BC6.1B2 : 0 : 8288)

Subject: Re: Visual aids for VY spent fuel segments loss issue
Creation Date: 4/23/04 1:00PM
From: David Pelton

Created By: DLP1@nrc.gov

Recipients	Action	Date & Time
nrc.gov		
kp1_po.KP_DO	Delivered	04/23/04 01:00PM
NAS (Neil Sheehan)	Opened	04/23/04 01:00PM
	Replied	04/23/04 01:01PM
	Deleted	07/16/04 02:29PM
	Emptied	07/24/04 01:11AM
	Re: Visual aids for VY spent fuel segments loss issue	

Post Office	Delivered	Route
kp1_po.KP_DO	04/23/04 01:00PM	nrc.gov

Files	Size	Date & Time
MESSAGE	3319	04/23/04 01:00PM

Options

Auto Delete: No
Expiration Date: None
Notify Recipients: Yes
Priority: Standard
Reply Requested: No
Return Notification: None

Concealed Subject: No
Security: Standard

To Be Delivered: Immediate
Status Tracking: All Information