

**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/ymf/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/nuregs/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=](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=](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=](http://nrr10.nrc.gov/cgi-bin/imageFolio.cgi?action=view&link=NUCLEAR_WASTE/Spent_Fuel&image=pool.jpg&img=&tt=)

Neil

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**Creation Date:** 4/23/04 1:00PM  
**From:** David Pelton

**Created By:** DLP1@nrc.gov

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