

**From:** Allen Howe *MRR*  
**To:** *OP* Brenner, Eliot; Burnell, Scott; Clifford, James; Ennis, Rick; Holden, Cornelius; Huffman, William; Jaffe, David; Jasinski, Robert; Karcagi, Kim; Kim, Tae (TJ); Laufer, Richard; Miller, Chris; Outlaw, William; Skay, Donna; Strosnider, Jack; Tuttle, Glenn; Votolato, Dori; Wang, Alan; Westreich, Barry; Williams, Martha  
**Date:** 07/14/2004 7:14AM  
**Subject:** Fwd: Important Update on the Vermont Yankee Fuel Segment Investigation

Please see the attached.

Also here is a link to the story I found.

<http://www.reformer.com/Stories/0,1413,102~8860~2270981,00.html>

*E-61*

**From:** "Pelton, David" <dpelt90@entergy.com>  
**To:** <cja@nrc.gov>, <bek@nrc.gov>, <hjm1@nrc.gov>, <jtw1@nrc.gov>, <dps@nrc.gov>, <nas@nrc.gov>, <arb@nrc.gov>, <beh@nrc.gov>, <djf1@nrc.gov>, <tjj@nrc.gov>, <rx@nrc.gov>, <lbn@nrc.gov>, <agh1@nrc.gov>, <whr@nrc.gov>  
**Date:** 07/13/2004 5:48PM  
**Subject:** Important Update on the Vermont Yankee Fuel Segment Investigation

All,

I'm forwarding you an e-mail sent from Jay Thayer, Vermont Yankee Site Vice President, to the VY staff regarding today's discovery of the missing spent fuel pin segments. The e-mail includes the press release the licensee is passing on to the press tonight.

If anyone has any questions, please call...

David Pelton

NRC SRI VY

(802) 257-4319

-----Original Message-----

**From:** Thayer, Jay  
**Sent:** Tuesday, July 13, 2004 5:31 PM  
**To:** VTY - All Users  
**Subject:** Important Update on the Fuel Segment Investigation  
**Importance:** High

To the Vermont Yankee Team,

The following late-breaking information is being put out to the press tonight and I wanted to make sure that all VY employees and site personnel had this information.

Jay

Entergy Locates Spent Fuel Segments at Vermont Yankee

Vernon, VT- Entergy workers at the Vermont Yankee nuclear power plant today located the missing spent fuel rod segments in the plant's spent fuel pool. The two pieces were stored in a unique 40-inch aluminum cylinder, which is unlike a typical storage container but is similar to several other

aluminum structures and tools in the pool.

Entergy VY Site Vice President Jay Thayer credited interviews with former employees and contractors, intense research of records and documents dating back more than 25 years, and video tapes of the pool that were recently taken.

Said Thayer, "Our search team designed a detailed search plan that explored every possibility from three different angles. They looked visually with the cameras, they searched the documents, and they talked to people who were on the scene 25 years ago. The team deserves a tremendous amount of credit.

"We earlier had checked all the containers in the pool, but when we learned that General Electric had designed and sent a pipe-like cylinder for the fuel-rod pieces, we rechecked the videotapes. That's when we noticed that what was previously thought to be part of an existing in-pool structure could very well be the canister that GE sent here."

Workers used remotely operated tools to open the canister and insert a small high- resolution video camera that confirmed the presence of the fuel segments, which are nine inches and seventeen inches long and about the diameter of a pencil.

Thayer also credits the resident NRC inspectors at Vermont Yankee and William Sherman, the Vermont Public Service Department's nuclear engineer, for their contributions to the investigation. "These folks had full and open access to the process every step of the way and they provided valuable insights and guidance."

Thayer said the policies and procedures for record keeping and documentation of activities in Vermont Yankee's spent fuel pool have been revised to ensure accurate record keeping. "We want to make sure this doesn't happen again," he said.

All,

I'm forwarding you an e-mail sent from Jay Thayer, Vermont Yankee Site Vice President, to the VY staff regarding today's discovery of the missing spent fuel pin segments. The e-mail includes the press release the licensee is passing on to the press tonight.

If anyone has any questions, please call...

David Pelton

NRC SRI VY

(802) 257-4319

-----Original Message-----

**From:** Thayer, Jay

**Sent:** Tuesday, July 13, 2004 5:31 PM

**To:** VTY - All Users

**Subject:** Important Update on the Fuel Segment Investigation

**Importance:** High

**To the Vermont Yankee Team,**

The following late-breaking information is being put out to the press tonight and I wanted to make sure that all VY employees and site personnel had this information.

Jay

**Entergy Locates Spent Fuel Segments at Vermont Yankee**

Vernon, VT— Entergy workers at the Vermont Yankee nuclear power plant today located the missing spent fuel rod segments in the plant's spent fuel pool. The two pieces were stored in a unique 40-inch aluminum cylinder, which is unlike a typical storage container but is similar to several other aluminum structures and tools in the pool.

Entergy VY Site Vice President Jay Thayer credited interviews with former employees and contractors, intense research of records and documents dating back more than 25 years, and video tapes of the pool that were recently taken.

Said Thayer, "Our search team designed a detailed search plan that explored every possibility from three different angles. They looked visually with the cameras, they searched the documents, and they talked to people who were on the scene 25 years ago. The team deserves a tremendous amount of credit.

"We earlier had checked all the containers in the pool, but when we learned that General Electric had designed and sent a pipe-like cylinder for the fuel-rod pieces, we rechecked the videotapes. That's when we noticed that what was previously thought to be part of an existing in-pool structure could very well be the canister that GE sent here."

Workers used remotely operated tools to open the canister and insert a small high-resolution video camera that confirmed the presence of the fuel segments, which are nine inches and seventeen inches long and about the diameter of a pencil.

Thayer also credits the resident NRC inspectors at Vermont Yankee and William Sherman, the Vermont Public Service Department's nuclear engineer, for their contributions to the investigation. "These folks had full and open access to the process every step of the way and they provided valuable insights and guidance."

Thayer said the policies and procedures for record keeping and documentation of activities in Vermont Yankee's spent fuel pool have been revised to ensure accurate record keeping. "We want to make sure this doesn't happen again," he said.

Received: from igate.nrc.gov [148.184.176.31]  
by NRNWMS05.NRC.GOV; Tue, 13 Jul 2004 17:48:00 -0400  
Received: from mail.no.energys.com (mail1.no.energys.com [198.8.3.49])  
by smtp-gateway SMTP id i6DLkscg001671;  
Tue, 13 Jul 2004 17:46:55 -0400 (EDT)  
Received: from vyemail1.vynps.com (vyemail1.vynps.com [172.28.144.41])  
by mail.no.energys.com () with ESMTP id i6DLlwMo026073;  
Tue, 13 Jul 2004 16:47:59 -0500 (CDT)  
X-MimeOLE: Produced By Microsoft Exchange V6.0.6487.1  
content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="----=\_NextPart\_001\_01C46923.0D9999B6"  
Subject: Important Update on the Vermont Yankee Fuel Segment Investigation  
Date: Tue, 13 Jul 2004 17:47:54 -0400  
Message-ID: <6A440ABFF97DA54D9858E84A8E4C330F03877F80@vyemail1.vynps.com>  
X-MS-Has-Attach:  
X-MS-TNEF-Correlator:  
Thread-Topic: Important Update on the Vermont Yankee Fuel Segment Investigation  
Thread-Index: AcRPH4jBgm57jrRzTbiKdiKja6xbbQAAASpAAAB287A=  
X-Priority: 1  
Priority: Urgent  
Importance: high  
From: "Pelton, David" <dpelt90@energys.com>  
To: <cja@nrc.gov>, <bek@nrc.gov>, <hjm1@nrc.gov>, <jtw1@nrc.gov>,  
<dps@nrc.gov>, <nas@nrc.gov>, <arb@nrc.gov>, <beh@nrc.gov>,  
<djf1@nrc.gov>, <ijj@nrc.gov>, <rx@nrc.gov>, <lbn@nrc.gov>,  
<agh1@nrc.gov>, <whr@nrc.gov>

This is a multi-part message in MIME format.

-----=\_NextPart\_001\_01C46923.0D9999B6  
Content-Type: text/plain;  
charset="us-ascii"  
Content-Transfer-Encoding: quoted-printable

All,

I'm forwarding you an e-mail sent from Jay Thayer, Vermont Yankee Site Vice President, to the VY staff regarding today's discovery of the missing spent fuel pin segments. The e-mail includes the press release the licensee is passing on to the press tonight.

If anyone has any questions, please call...

David Pelton

NRC SRI VY

(802) 257-4319

-----Original Message-----

From: Thayer, Jay

Sent: Tuesday, July 13, 2004 5:31 PM

To: VTY - All Users

Subject: Important Update on the Fuel Segment Investigation

Importance: High

To the Vermont Yankee Team,

The following late-breaking information is being put out to the press tonight and I wanted to make sure that all VY employees and site personnel had this information.

Jay

#### Entergy Locates Spent Fuel Segments at Vermont Yankee

Vernon, VT- Entergy workers at the Vermont Yankee nuclear power plant today located the missing spent fuel rod segments in the plant's spent fuel pool. The two pieces were stored in a unique 40-inch aluminum cylinder, which is unlike a typical storage container but is similar to several other aluminum structures and tools in the pool.

Entergy VY Site Vice President Jay Thayer credited interviews with former employees and contractors, intense research of records and documents dating back more than 25 years, and video tapes of the pool that were recently taken.

Said Thayer, "Our search team designed a detailed search plan that explored every possibility from three different angles. They looked visually with the cameras, they searched the documents, and they talked to people who were on the scene 25 years ago. The team deserves a tremendous amount of credit.

"We earlier had checked all the containers in the pool, but when we learned that General Electric had designed and sent a pipe-like cylinder for the fuel-rod pieces, we rechecked the videotapes. That's when we noticed that what was previously thought to be part of an existing in-pool structure could very well be the canister that GE sent here."

Workers used remotely operated tools to open the canister and insert a small high- resolution video camera that confirmed the presence of the

fuel segments, which are nine inches and seventeen inches long and about the diameter of a pencil.

Thayer also credits the resident NRC inspectors at Vermont Yankee and William Sherman, the Vermont Public Service Department's nuclear engineer, for their contributions to the investigation. "These folks had full and open access to the process every step of the way and they provided valuable insights and guidance."

Thayer said the policies and procedures for record keeping and documentation of activities in Vermont Yankee's spent fuel pool have been revised to ensure accurate record keeping. "We want to make sure this doesn't happen again," he said.

-30-

-----=\_NextPart\_001\_01C46923.0D9999B6

Content-Type: text/html;  
charset="us-ascii"

Content-Transfer-Encoding: quoted-printable

<html>

<head>

<meta http-equiv=Content-Type content="text/html";  
charset=us-ascii">

<meta name=Generator content="Microsoft Word 10 (filtered)">

<title>Entergy Locates Spent Fuel Segments at Vermont Yankee</title>

<style>

<!--

/\* Font Definitions \*/

@font-face

{font-family:Tahoma;  
panose-1:2 11 6 4 3 5 4 4 2 4;}

/\* Style Definitions \*/

p.MsoNormal, li.MsoNormal, div.MsoNormal

{margin:0in;  
margin-bottom:.0001pt;  
font-size:12.0pt;  
font-family:"Times New Roman";}

p.MsoTitle, li.MsoTitle, div.MsoTitle

{margin:0in;  
margin-bottom:.0001pt;  
text-align:center;  
font-size:12.0pt;  
font-family:"Times New Roman";  
font-weight:bold;}



style='font-size:  
10.0pt;font-family:Arial;color:navy'>&nbsp;</span></font></p>

<p class=MsoNormal><font size=2 color=navy face=Arial><span  
style='font-size:  
10.0pt;font-family:Arial;color:navy'>David Pelton</span></font></p>

<p class=MsoNormal><font size=2 color=navy face=Arial><span  
style='font-size:  
10.0pt;font-family:Arial;color:navy'>NRC SRI VY</span></font></p>

<p class=MsoNormal><font size=2 color=navy face=Arial><span  
style='font-size:  
10.0pt;font-family:Arial;color:navy'>(802) 257-4319</span></font></p>

<p class=MsoNormal><font size=2 color=navy face=Arial><span  
style='font-size:  
10.0pt;font-family:Arial;color:navy'>&nbsp;</span></font></p>

<p class=MsoNormal><font size=2 face=Tahoma><span  
style='font-size:10.0pt;  
font-family:Tahoma'>-----Original Message-----<br>  
<b><span style='font-weight:bold'>From:</span></b> Thayer, Jay <br>  
<b><span style='font-weight:bold'>Sent:</span></b> Tuesday, July 13,  
2004 5:31  
PM<br>  
<b><span style='font-weight:bold'>To:</span></b> VTY - All Users<br>  
<b><span style='font-weight:bold'>Subject:</span></b> Important Update  
on the  
Fuel Segment Investigation<br>  
<b><span style='font-weight:bold'>Importance:</span></b>  
High</span></font></p>

<p class=MsoNormal><font size=3 face="Times New Roman"><span  
style='font-size:  
12.0pt'>&nbsp;</span></font></p>

<p class=MsoTitle align=left  
style='text-align:left;line-height:200%'><b><font  
size=3 color=navy face="Times New Roman"><span  
style='font-size:12.0pt;  
line-height:200%;color:navy'>To the Vermont Yankee  
Team,</span></font></b></p>

<p class=MsoTitle align=left  
style='text-align:left;line-height:200%'><b><font  
size=2 color=navy face=Arial><span  
style='font-size:10.0pt;line-height:200%;  
font-family:Arial;color:navy'>The following late-breaking information is  
being  
put out to the press tonight and I wanted to make sure that all VY  
employees  
and site personnel had this information.</span></font></b></p>

<p class=MsoTitle align=left  
style='text-align:left;line-height:200%'><b><font

size=2 color=navy face=Arial><span style='font-size:10.0pt;line-height:200%; font-family:Arial;color:navy'>&nbsp;</span></font></b></p>

<p class=MsoTitle align=left style='text-align:left;line-height:200%'><b><font size=2 color=navy face=Arial><span style='font-size:10.0pt;line-height:200%; font-family:Arial;color:navy'>Jay</span></font></b></p>

<p class=MsoTitle style='line-height:200%'><b><font size=3 face="Times New Roman"><span style='font-size:12.0pt;line-height:200%'>&nbsp;</span></font></b></p>

<p class=MsoTitle style='line-height:200%'><b><font size=3 face="Times New Roman"><span style='font-size:12.0pt;line-height:200%'>Entergy Locates Spent Fuel Segments at Vermont Yankee</span></font></b></p>

<p class=MsoNormal style='line-height:200%'><font size=3 face="Times New Roman"><span style='font-size:12.0pt;line-height:200%'>&nbsp;</span></font></p>

<p class=MsoNormal style='text-indent:.5in;line-height:200%'><font size=3 face="Times New Roman"><span style='font-size:12.0pt;line-height:200%'>Vernon, VT&#8212; Entergy workers at the Vermont Yankee nuclear power plant today located the missing spent fuel rod segments in the plant&#8217;s spent fuel pool. The two pieces were stored in a unique 40-inch aluminum cylinder, which is unlike a typical storage container but is similar to several other aluminum structures and tools in the pool.</span></font></p>

<p class=MsoNormal style='text-indent:.5in;line-height:200%'><font size=3 face="Times New Roman"><span style='font-size:12.0pt;line-height:200%'>Entergy VY Site Vice President Jay Thayer credited interviews with former employees and contractors, intense research of records and documents dating back more than 25 years, and video tapes of the pool that were recently taken.</span></font></p>

<p class=MsoNormal style='text-indent:.5in;line-height:200%'><font size=3 face="Times New Roman"><span style='font-size:12.0pt;line-height:200%'>Said Thayer, &#8220;Our search team designed a detailed search plan that explored every possibility from three different angles. They looked visually with the

cameras, they searched the documents, and they talked to people who were on the scene 25 years ago. The team deserves a tremendous amount of credit.

text-indent:.5in;line-height:200%  
size=3  
face="Times New Roman"  
font-size:12.0pt;line-height:200% We earlier had checked all the containers in the pool, but when we learned that General Electric had designed and sent a pipe-like cylinder for the fuel-rod pieces, we rechecked the videotapes. That's when we noticed that what was previously thought to be part of an existing in-pool structure could very well be the canister that GE sent here.

text-indent:.5in;line-height:200%  
size=3  
face="Times New Roman"  
font-size:12.0pt;line-height:200% Workers used remotely operated tools to open the canister and insert a small high-resolution video camera that confirmed the presence of the fuel segments, which are nine inches and seventeen inches long and about the diameter of a pencil.

text-indent:.5in;line-height:200%  
size=3  
face="Times New Roman"  
font-size:12.0pt;line-height:200% Thayer also credits the resident NRC inspectors at Vermont Yankee and William Sherman, the Vermont Public Service Department's nuclear engineer, for their contributions to the investigation. These folks had full and open access to the process every step of the way and they provided valuable insights and guidance.

text-indent:.5in;line-height:200%  
size=3  
face="Times New Roman"  
font-size:12.0pt;line-height:200% Thayer said the policies and procedures for record keeping and documentation of activities in Vermont Yankee's spent fuel pool have been revised to ensure accurate record keeping. We want to make sure this doesn't happen again, he said.

line-height:200%  
size=3

