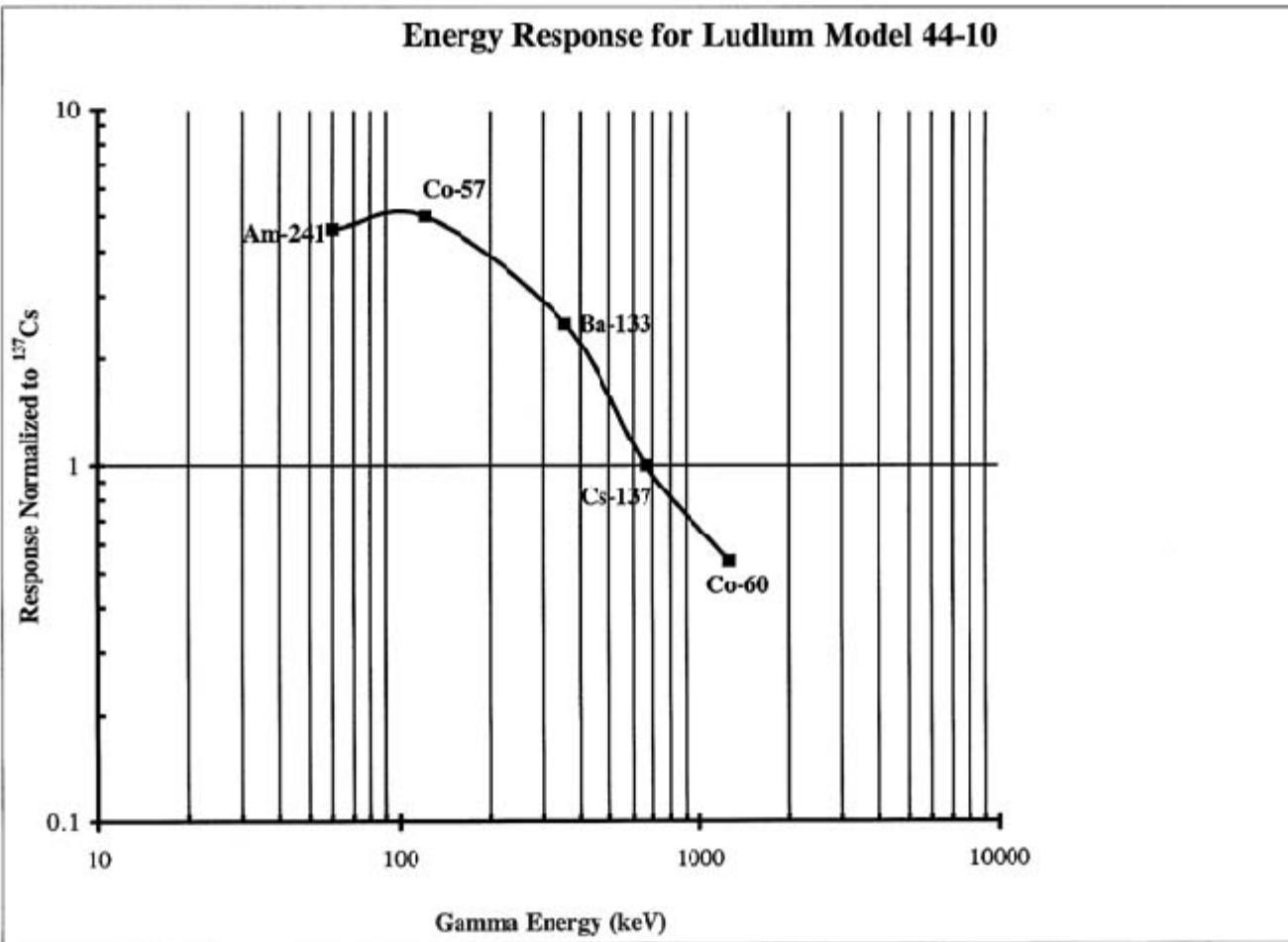


## DeweyBurdPubEm Resource

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**From:** Burrows, Ronald  
**Sent:** Thursday, September 11, 2008 8:52 AM  
**To:** Burrows, Ronald  
**Subject:** Energy Response for Ludlum Model 44-10  
**Attachments:** image001.png



Ronald A. Burrows  
U.S. Nuclear Regulatory Commission  
Federal and State Materials and Environmental  
Management Programs  
Uranium Recovery Licensing Branch  
301.415.6443

**Hearing Identifier:** Powertech\_Uranium\_Dewey\_Burdock\_LA\_Public  
**Email Number:** 109

**Mail Envelope Properties** (B7A38802E3EA2D42834928D4E570981C704F503B77)

**Subject:** Energy Response for Ludlum Model 44-10  
**Sent Date:** 9/11/2008 8:51:36 AM  
**Received Date:** 9/11/2008 8:51:38 AM  
**From:** Burrows, Ronald

**Created By:** Ronald.Burrows@nrc.gov

**Recipients:**  
"Burrows, Ronald" <Ronald.Burrows@nrc.gov>  
Tracking Status: None

**Post Office:** HQCLSTR01.nrc.gov

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	221	9/11/2008 8:51:38 AM
image001.png	139702	

**Options**  
**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** Yes  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**

http://www.ludlums.com/RespCurvHtm/RC\_M44-10.htm - Microsoft Internet Explorer provided by USNRC

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### Energy Response for Ludlum Model 44-10

Isotope	Gamma Energy (keV)	Response Normalized to $^{137}\text{Cs}$
Am-241	~59	~5
Co-57	~122	~5
Ba-133	~356	~3
Cs-137	662	1
Co-60	~1120	~0.5

Response Normalized to  $^{137}\text{Cs}$

Gamma Energy (keV)

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