

NRC Comment	Cherry Response
<p>In Army's January 8, 2016 submittal (dated December 31, 2015, ML16022A161, there are two maps for Fort Riley KS.</p> <p>On page 18 of 23, on the first map, the caption says "only Range 27 is an M101 Impact area." and the above the caption identifies "Range 29" and "Ranges 27A and 27B."</p>	<p>I will attach the latest version of the map set, which I thought I had sent you. It has only one map for Fort Riley, labelled "RANGES 27A 27B &amp; 29."</p>
<p>The NRC estimates that the area that Range "27A and 27 B" covers is 1.0 km<sup>2</sup> for the M101 Impact Area Maps that the Army provided on January 8, 2016 (ML 16022A61).</p>	<p>Correct. Ranges 27A 27B are a single one-kilometer square.</p>
<p>Below the caption, "only Range 27 is an M101 impact area," there is another map for Fort Riley KS which identifies two overlapping ranges identified as "Range 18A, B &amp; C," and "Ranges 27A and 27B." Underneath the second map is a caption stating "On this figure and in the Caption, "Range 27" should read "Ranges 19." The NRC notes that these two ranges overlap.</p> <p>The NRC estimates that the area that these two overlapping ranges cover is approximately 1.0 km<sup>2</sup>.</p>	<p>That caption and the second map do not appear in the latest version of the map set, which I thought I had sent you.</p>
<p>In attachment 4 of the September 30, 2015 RAI response (ML15294A276), for Fort Riley KS, "The following are summaries from installation-specific ASRs [Archive Search Report, USACE St. Louis 2011]" ... And Page 7 of 8 it states:</p> <p>"Fort Riley KS</p> <p>The Davy Crockett Weapon System was fielded and fired at Fort Riley. The following facts support this conclusion:</p>	<p>Please note that paragraph 5.1.6 on page 19 of the same ASR says, "Two additional ranges, the Range 18 Series and Range 19 Series, were determined to be capable of accommodating the Davy Crockett safety and security requirements and were, therefore, evaluated as potential firing areas. The use of the two latter ranges, however, has not been confirmed or supported by citable evidence."</p> <p>The ASR author should have put a statement like this in the executive summary. Originally, I came to the same</p>

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<p>A shipment of 105 Cartridges, 20mm Spotting M101 was sent to Fort Riley as recorded on DD Form 550 (obsolete). Fourteen Light Weapons M28 were issued to Fort Riley units as documented on a serial number inventory of weapons. Cartridge, 20mm Spotting M1 01 was confirmed as fired at Range 29 by a Fort Riley Post newsletter article. A 1963 map specifically identifies a Davy Crockett Range (former Range 27B). The Davy Crockett was possibly used on Range Series 18 and 19 during demonstrations and recoilless rifle firing.</p> <p>The degree of confidence in the above conclusions is HIGH.”</p> <p>Therefore, it appears that the sites (M101 Impact Areas) at Fort Riley KS are:</p> <p>“Range 27A and 27B” on the first map (1 range) covering an area of about 1 km<sup>2</sup> “Range 18A, B &amp;C” on the second map (1 range), and “Ranges 19A &amp;19B” on the second map (1 range) these two ranges overlap and covers an area of about 1 km<sup>2</sup></p> <p>For a total of three (3) ranges covering a total of 2 km<sup>2</sup>.</p>	<p>conclusion as the NRC did (as shown in the left cell of this table) about the 18- and 19- range series. Fort Riley personnel pointed out to me during my recent visit that this conclusion was in error and I agreed with them. So, the only ASR-confirmed M101 impact areas at Fort Riley are “Ranges 27A, 27B &amp; 29,” as shown in the latest map set. The total area of these ranges is 2 km<sup>2</sup>.</p>
<p>However, the decommissioning funding plan (DFP), dated Feb 9, 2016, states for Fort Riley KS in Table A.1, “Total Estimated Cost,” on page 7 of 17 that there are only two ranges:</p> <p>“[27A and 27B] and 29 (two ranges)” covering an estimated area of 2.0 km<sup>2</sup></p>	<p>I corrected the decommissioning funding plan (DFP), dated February 9, 2016, following my visit to Fort Riley on January 14-15, 2016, as I describe above.</p>

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<p data-bbox="201 280 1035 461">It appears that the total area of 2 km<sup>2</sup> is consistent with the Army's M101 impact areas maps and Archive Search Report (ASR) information, but the number and names of the Fort Riley M101 ranges in the Decommissioning Funding Plan, dated February 8, 2016, does not.</p> <p data-bbox="201 480 1035 586">Please clarify the name, location, and area that the ranges cover for Fort Riley KS and whether the cost estimate in DFP, dated February 8, 2016 is impacted.</p>	<p data-bbox="1060 280 1818 423">A review of the Fort Riley ASR will show that I made consistent corrections to the map set of M101 impact areas regarding Fort Riley and that the DFP dated February 9 is also correct.</p>