

Gallardy, Vivian

From: Barela, Maximo <Maximo.Barela@nnsa.doe.gov>
Sent: Tuesday, December 06, 2016 6:18 PM
To: Garcia Santos, Norma
Cc: McKirgan, John; Tarantino, David; Mccollum, David E; Chavez, David Michael; Mumma, James; Taplin, Temeka; m_mb7073@msn.com
Subject: [External_Sender] RE: 435-B, Rev. 1 - Clarification Needed
Attachments: Lid Weldment.JPG
Importance: High

Norma,

NRC statement: “This clarification is related to the weld symbol for Item 5 shown in Section B-8 included in drawing No. DWG 1916-01-03-SAR, Sheet 2.”

NNSA Response:

The following information is quoted from the NNSA Roadmaps identified:

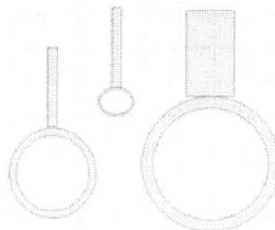
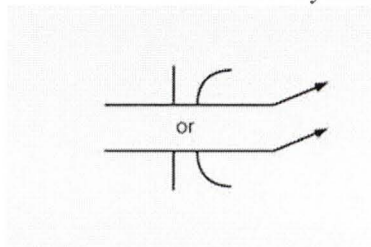
Detailed changes to 435-B SAR to change Rev. 2 to Rev. 3 (NNSA ROADMAP for Rev 2 to Rev 3), Item # 15 says: Clarify weld symbol for Item 5 shown in Section B-B. DWG 1916-01-03-SAR, Sheet 2

Detailed Changes to 435-B Safety Analysis Report to Change Rev. 2 to Rev. 3.1 (NNSA ROADMAP for Rev 2 to Rev 3.1), 3rd page, 3rd Item on Page 3 says:

Section 1.3.3, Drawing No. 1916-01-03-SAR, Sheet 2 Section BB, Zone D4	Clarify Weld Symbol for Item	This change clarifies the intended
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The NRC’s statement identifies “Section B-8.” “Section B-8” cannot possibly be the correct location of Item 5 since it contains a section of the INNER CONTAINER drawing. As indicated in the sections of both Roadmaps quoted immediately above, Item 5 is actually contained in “Section B-B” of Drawing 1916-01-03-SAR, Sheet 2.

NRC Statement: “By looking at the drawing, the drawing the symbol shows a plate/stiffener welded to a tube, item 5 which shows 1/4" fillet welds both sides, which the staff thinks that it technically should be flare bevel both sides. See below symbol for welding tube to plate.



The staff wants to understand why the applicant uses a fillet weld in lieu of flare bevel.”

NNSA Response: The NRC also mentions a plate/stiffener welded to a Tube. Section B-B does not include a tube as indicated in NRC’s statement quoted above. Item 5 is a rectangular block. See the attached isometric

view. The NRC text mentions a ¼ inch fillet weld on both sides. However, the entire length of both sides of each rectangular block are welded using 3/16" fillet welds. Therefore, there is no place for a flare-bevel weld in the lid.

After today, I plan to be out of the office until 6:15 AM January 4, 2017. Therefore, if you need to contact me between now and then please send your e-mails to my office e-mail address (Maximo.Barela@nnsa.doe.gov), and CC my home e-mail address (m_mb7073@msn.com).

If we need to talk, please call my office telephone number (505-845-5902) and leave me a voicemail & I will return your call as soon as I can.

Merry Christmas and Happy New Year.

R/Max

From: Garcia Santos, Norma [<mailto:Norma.Garcia-Santos@nrc.gov>]
Sent: Friday, December 02, 2016 6:21 AM
To: Barela, Maximo <Maximo.Barela@nnsa.doe.gov>
Cc: McKirgan, John <John.McKirgan@nrc.gov>; Tarantino, David <David.Tarantino@nrc.gov>
Subject: RE: 435-B, Rev. 1 - Clarification Needed

Good morning Max,

The staff just provided additional text for clarity of its request, additional text is in red font:

The staff wants to understand why the applicant uses a fillet weld in lieu of flare bevel or flare bevel with reinforcing fillet.

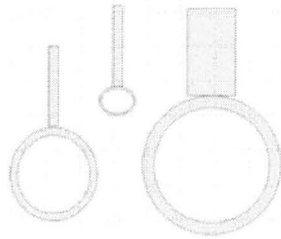
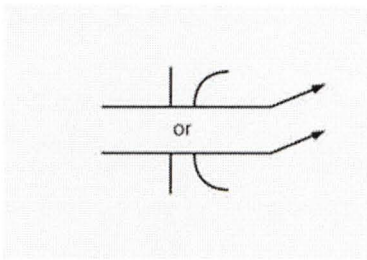
Please call me or email me if any questions,

Thanks,
Norma

From: Garcia Santos, Norma
Sent: Friday, December 02, 2016 6:17 AM
To: Barela, Maximo <Maximo.Barela@nnsa.doe.gov>
Cc: McKirgan, John <John.McKirgan@nrc.gov>; Tarantino, David <David.Tarantino@nrc.gov>
Subject: 435-B, Rev. 1 - Clarification Needed
Importance: High

Good morning Maximo,

The staff is seeking clarification on item No. 15 included in the summary of changes to the application of the Model No. 435-B. This clarification is related to the weld symbol for Item 5 shown in Section B-8 included in drawing No. DWG 1916-01-03-SAR, Sheet 2. By looking at the drawing, the drawing the symbol shows a plate/stiffener welded to a tube, item 5 which shows 1/4" fillet welds both sides, which the staff thinks that it technically should be flare bevel both sides. See below symbol for welding tube to plate.



The staff wants to understand why the applicant uses a fillet weld in lieu of flare bevel.

You can respond to this clarification either by e-mail or during a clarification phone call. If you decide to respond by e-mail, I will add your response to Docket No. 71-9355 and, if acceptable, then, the staff can finalize its SER. If you decide having a phone call, I will develop a summary of the phone call, send it to you and the staff for review, and add the summary to Docket No. 71-9355. Please let me know your preference and I will plan accordingly.

Thanks for your patience and have a nice weekend,
Norma

Norma Garcia Santos

Project Manager

U.S. NRC

Phone No. (Office): 301-415-6999