

April 2019

# NAC-MPC

NAC Multi-Purpose Canister

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## 10 CFR 72.248 and 10 CFR 72.48(d)(2) Partial 24-Month Updates

Docket No. 72-1025



Enclosure 1

**10 CFR 72.48 Determination Summary Report**

**for the**

**NAC-MPC FSAR, Revision 12  
(Docket No 72-1015)**

**Period Covered:  
April 2018 – April 2019**

**NAC International**

April 2019

**72.48 Determination ID #NAC-19-MPC-001**

Change Description

The FSAR has been revised to Revision 12 to incorporate changes made in Amendments 7 and 8.

Revised License Drawing 630045-866  
Revised FSAR Chapters 1, 3, 4, 9, 11 and 12

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Source of Change: 72.48 Determination ID # NAC-19-MPC-001

72.48 Evaluation Required: NO

72.48 Evaluation Summary: N/A

Originating Document: DCR(L) MPC-FSAR-11A

Amendment 7 (submittals 17A, 18A) and Amendment 8 (submittal 18B) have been consolidated and incorporated into Revision 11 of the MPC FSAR to become Revision 12. Amendment 7 (submittal 17A) included one License Drawing, 630045-866, Revision 3, detailed below.

Originating Document: DCR(L) 630045-866-02A

Sheet 1:

1. Added note 22 that reads: "4x4x.032" welded wire cloth or 18 x 18 x.02" woven wire cloth."
2. B.O.M., Item 17 (Screen), revised description to "See Note 22", was "4 x 4 x .032" welded wire cloth".
3. B.O.M., Item 29 (Inlet Screen), revised description to "See Note 22", was "18 x18x.02" woven wire cloth"

**Drawing 630045-866 Revision summary (as presented in Submittal 18A, Amendment 7 Supplement)**

NAC license drawing 630045-866 was revised (Revision 2) in support of a site-specific licensing submittal for the Waste Control Specialist (WCS) Central Interim Storage Facility (CISF). The information contained in Revision 2 is pending regulatory approval and is not germane to this application. The initial Amendment 7 submittal only contained a NAC internal design change request showing requested changes to the screen mesh size for the concrete overpack. This design change would have resulted in Revision 3 of drawing 630045-866. However, since the review of the WCS CISF application has been suspended and the changes presented in Revision 2 are not applicable to this amendment application, NAC has decided to revise the drawing by

removing the information introduced in Revision 2. This has resulted in revision 4 drawing to 630045-866.

In summary, the differences between Revision 1 and Revision 4 of drawing 630045-866 is only the information related to the screen mesh size (Note 22 and B.O.M. Items 17 and 29). Therefore, NAC is requesting NRC review and approval of Revision 4, which includes changes presented in Revision 3 and the removal of unrelated changes presented in Revision 2.

**Drawing 630045-866, Sheet 1 of 7, Revision 3**

Sheet 1:

4. Added note 22 that reads: "4 x 4 x .032" welded wire cloth or 18 x 18 x .02" woven wire cloth."
5. B.O.M., Item 17 (Screen), revised description to "See Note 22", was "4 x 4 x .032" welded wire cloth".
6. B.O.M., Item 29 (Inlet Screen), revised description to "See Note 22", was "18 x 18 x .02" woven wire cloth".

**Drawing 630045-866, Sheet 1 of 7, Revision 4**

Sheet 1:

1. Deleted Delta notes 16-21
2. Deleted B.O.M., Item 33-37
3. Deleted B.O.M., Assemblies 95 and 96.

Sheet 2:

1. Deleted Assembly 96 graphics

Sheet 5:

1. Deleted Assembly 96, Section A-A and B-B graphics

Sheet 6:

1. Deleted all graphics from the sheet

Sheet 7:

1. Deleted Assembly 95 graphics

**Enclosure 2**

**List of Changes**

**for**

**NAC-MPC FSAR, Revision 12  
(Docket No 72-1031)**

**NAC International**

**April 2019**

**List of Changes for the NAC-MPC FSAR, Revision 12**  
**Incorporates changes for the period April 2018 – April 2019**

Chapter/Page/ Figure/Table	Source of Change: DCR(L) / 72.48 / Amendment #	Description of Change
<b>Note:</b> The List of Effective Pages and the Chapter Table of Contents, List of Figures and List of Tables have been revised accordingly to reflect the list of changes detailed below.		
<b><u>Chapter 1</u></b>		
Page 1.A.7.1	Amendment 7	Updated revisions of approved drawings in Section 1.A.7.
<b><u>Chapter 2 – no changes</u></b>		
<b><u>Chapter 3</u></b>		
Page 3.A-iii	Amendment 7	Updated the List of Tables to reflect text flow change.
Page 3.A.4-34	Amendment 7	Changed a number in the middle of the first paragraph of Section 3.A.4.4.3.3.
Page 3.A.4-35	Amendment 7	Added a second paragraph to the end of Section 3.A.4.4.3.3.
Page 3.A.4-36	Amendment 7	Text flow changes.
<b><u>Chapter 4 – no changes</u></b>		
Page 4.A-i	Amendment 7	Updated Table of Contents
Page 4.A.1-1	Amendment 7	Modified the third paragraph of Section 4.A.1.
Page 4.A.3-35	Amendment 7	Modified the text in Section 4.A.3.6.
Pages 4.A.4-1 thru 4.A.4-2	Amendment 7	Added new Section 4.A.4.
Page 4.A.5-1	Amendment 7	Updated Section number.
<b><u>Chapter 5 – no changes</u></b>		
<b><u>Chapter 6 – no changes</u></b>		
<b><u>Chapter 7 – no changes</u></b>		
<b><u>Chapter 8 – no changes</u></b>		
<b><u>Chapter 9 – no changes</u></b>		
Page 9.2-1	Amendment 7	Deleted paragraph in the middle of page.
Page 9.2-1	Amendment 8	Modified paragraph was deleted in Amendment 7.
Page 9.A.3-1	Amendment 7	Deleted paragraph in the middle of page.
Page 9.A.3-1	Amendment 8	Modified paragraph was deleted in Amendment 7

Chapter/Page/ Figure/Table	Source of Change: Amendment No. 3	Description of Change
Page 9.A.3-2	Amendment 7	Inserted bullet at top of the page (second to last bullet of Section 9.A.3.1).
<b><u>Chapter 10 – no changes</u></b>		
<b><u>Chapter 11 – no changes</u></b>		
Page 11.2.2-15	Amendment 8	Modified the second line of Section 11.2.2.5.
Page 11.2.3-2	Amendment 8	Modified Section 11.2.3.5.
Page 11.2.6-9	Amendment 8	Modified Section 11.2.6.5.
Page 11.A.1.4-9	Editorial	Made editorial change to the title of Section 11.A.1.4.
<b><u>Chapter 12 – no changes</u></b>		
Page 12.C.3-30	Amendment 7	Added sentence to the end of “Actions”; deleted text at the end of A.1.
Page 12.C.3-30	Amendment 8	Modified “Actions” for A.1 and A.2.
Page 12.C.3-31	Amendment 7	Added sentence to the end of the second paragraph of SR 3.1.6.1.
Page 12.C.3-31	Amendment 8	Modified “Actions” for B.1 and B.2.
Page 12.C.3-43	Amendment 8	Modified “Surveillance Requirements” for SR 3.2.2.1
<b><u>Chapter 13 – no changes</u></b>		

**Enclosure 3**

**Certification of Accuracy**

**of the**

**NAC-MPC FSAR  
(Docket No 72-1025)**

**Revision 12**

**NAC International**

**April 2019**



**NAC INTERNATIONAL**  
**CERTIFICATION OF ACCURACY**  
**PURSUANT TO 10 CFR 72. 248(c)(4)(i)**

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George Carver (Affiant), Vice President, Engineering and Licensing, of NAC International, hereinafter referred to as NAC, at 3930 East Jones Bridge Road, Norcross, Georgia 30092, being duly sworn, deposes and certifies that:

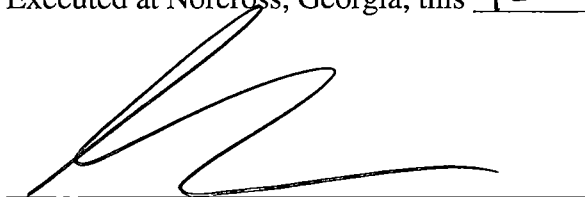
1. Affiant has reviewed the information described in Item 2, is personally familiar with the preparation, checking and verification of that information and is authorized to certify its accuracy.
2. The information being certified as accurate includes all of the changes incorporated into the NAC-MPC Final Safety Analysis Report, Revision 12.

**STATE OF GEORGIA, COUNTY OF GWINNETT**

Mr. George Carver, being duly sworn, deposes and says:

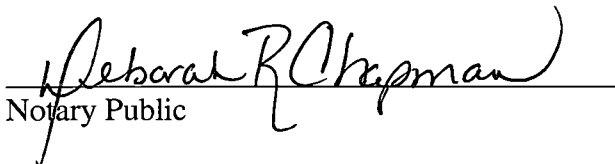
That he has read the foregoing affidavit and the matters stated therein are true and correct to the best of his knowledge, information and belief.

Executed at Norcross, Georgia, this 1<sup>st</sup> day of April, 2019.

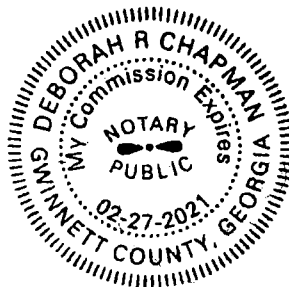


George Carver  
Vice President, Engineering and Licensing  
NAC International

Subscribed and sworn before me this 1<sup>st</sup> day of April, 2019.



Notary Public



Enclosure 4 to ED20190023

**Enclosure 4**

**Change Pages**

**for the**

**NAC-MPC FSAR  
(Docket No 72-1025)**

**Revision 12  
Volumes 1 and 2**

**NAC International**

**April 2019**