

PDR 71-5768
Return to 396-SS

Babcock & Wilcox

a McDermott company

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August 20, 1982

Mr. Charles E. MacDonald, Chief
Transportation Branch
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

DOCKET NO. 71-5768

Dear Mr. MacDonald:

Reference is made to my meeting with C. E. Williams of your staff on August 12, 1982 regarding my August 6, 1982 letter pertaining to the consolidated application for renewal of Certificate of Compliance #5768 for the BB-250-2 shipping container. As a result of our discussions, enclosed are four (4) revised pages and one (1) revised drawing to be appropriately substituted in the renewal application.

The Babcock & Wilcox Drawing No. 10-F-771 given as Appendix A to the application has been revised to delete notes pertaining to the use of twelve (12) closure bolts on the inner container lid. NUMEC Sketch #ASK-1324-C has hereby been deleted as Appendix E from the application, because it is considered somewhat redundant and unnecessarily confusing in light of the detail which has been added to the Appendix A drawing during our previous negotiations of this renewal action. Page 1-1 has been revised to reflect the current revision level of this newly revised Babcock & Wilcox Drawing No. 10-F-771. The cover pages for Appendix D and Appendix E have been revised to simply state these sections are being retained in a reserved status, and the Table of Contents page has been revised to also reflect this revision of Appendix E.

The four (4) above-described pages are dated August 20, 1982 to distinguish them from previously submitted pages. Eight (8) copies of the revised pages and Appendix A drawing are enclosed with this letter.

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Babcock & Wilcox

Mr. Charles E. MacDonald

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August 20, 1982

If you have any questions regarding this submittal or the entire renewal application, please contact me at extension 111.

Sincerely,



Michael A. Austin, Manager
Technical Control

MAA/dra

Enclosures (8)

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CHAPTER 1.0

GENERAL INFORMATION

1.1 Introduction:

This document represents a consolidated application for renewal of Certificate of Compliance 5768, for the Model BB-250-2 shipping container, used for the shipment of fissile material.

1.2 Package Description:

1.2.1 Packaging

1.2.1.1 Model Number: BB-250-2

1.2.1.2 Description:

Inner container is 11-1/2" ID, 16-gauge steel cylinder, 63-1/2" long, with bolted and gasketed top flange closure and seal welded bottom plate. Inner container is centered and supported in a 22-1/2" ID by minimum 74" long 16-gauge steel drum by 1/4" diameter spring steel rods and vermiculite. Maximum weight of packaging and contents is approximately 650 pounds.

1.2.1.3 Drawings:

The BB-250-2 packaging is constructed in accordance with Babcock & Wilcox Drawing 10-F-771 Rev. 5 (included as Appendix A to this application). The outer cover is secure by either a 12-gauge closure ring or, six (6) 1/2" diameter bolts or studs with nut. Westinghouse Electric Corporation Drawing C7108D10 (dated 2/24/71) is included as Appendix B and U. S. Military Standard MS24347 Rev. D is included as Appendix C to this application.

1.2.2 Contents of Packaging:

Application is made for the following categories of contents:

1.2.2.1 Bulk uranium oxide (UO_2 or U_3O_8) powder with a maximum density of 2 g U/cc and enriched to a maximum 5 w/o in the U-235 isotope. The maximum H/U atomic ratio, considering all sources of hydrogenous material within the inner container shall not exceed 1.13. The inner container has dimensions of 9-3/4" diameter x 12".

APPENDIX D

RESERVED

August 20, 1982

APPENDIX E

RESERVED

August 20, 1982