

# BRAUNKOHL TRANSPORT U.S.A. INC.

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May 30, 1990

U.S. Nuclear Regulatory Commission  
Transportation Branch  
Washington, DC  
20555

ATTN: LEN GORDON

Dear Len:

Thank you for your help during our telephone discussions, please see to follow an explanation of our intent.

We are writing to obtain approval of our Quality Assurance Program for the following activities:

- (1) Performing the required modifications to DOT 21PF-1A packages to meet requirements in effect at April 1, 1991.
- (2) Manufacturing the DOT 21PF-1B packages which meet the new requirements in the regulations.

Please find enclosed the following documents:

- 1) Description of Quality Assurance Program for Modifications to DOT 21PF-1A shipping packages.
- 2) Description of Quality Assurance Program for Manufacture of DOT 21PF-1B shipping package.
- 3) Drawing No: S1A31536 V1 Rev. 0.
- 4) Drawing No: E-S-31536 J Rev. P.
- 5) Drawing No: S1E-31536 J2 Rev. 8.
- 6) Bill of Material for Manufacture of DOT 21PF-1B packages.

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The program is designed to meet the requirements of 10CFR 71 Subpart H and 10 CFR 21 in the required areas.

As no package design has been done, no Q.A. program for this procedure has been established.

For your information, our intent is to subcontract the manufacture and modification of overpacks for our customers to an experienced fabricator. This fabricator has already manufactured an approved overpack design for another user of these packages. We have visited his facilities and feel he has the qualifications and personnel to perform these areas to the satisfaction of the Quality Assurance Requirements.

As we would like to be in a position to use this program as soon as possible, please advise of any areas where you require further details or clarification.

For return of correspondence, please send it to us collect by Federal Express. Our Federal Express Number is 1342-0532-6.

Thank you for your assistance in this matter. It is greatly appreciated. Please call if you have any questions at (306) 242-8300.

Best regards,



Donna Goertzen  
Vice President

DG:ap

## BILL OF MATERIAL

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Martin Marietta Energy Systems Number S-31536-16, Rev. 2

Unit: Modifications to existing Horizontal Loading Shipping Container for  
30" Diameter UF Tank (Reference - Martin Marietta Energy Systems Drawing  
 S1E-31536 J1, Rev. D).

Quantities are for one shipping container.

<u>Item</u>	<u>Quantity</u>	<u>Material and Description</u>
1.	1 pc.	Sheet, Hot Rolled Steel, 14 Ga. x 2'-6" x 8'-0" Lg. ASTM A-570, Grade 30, 33 or 36, ASTM A-606 Type 2 or 4, or ASTM A-569.
2.	1 Pt.	Epoxy, Araldite #502, CIBA Products Co., Fairlawn, N. J.
3.	1/8 Pt.	Hardener, CIBA Products Co., #951
4.	1 Qt.	Paint, Primer, ALBI #4875, (ALBI Mfr. Co., East Berlin, Conn.).
5.	1 Qt.	Paint, Primer, PPG Zinc Chromate, Iron Oxide 17-6.
6.	1 Qt.	Paint, Finish, PPG Ironhide Metal Paint, Light Gray
7.	8 Cartridges	Silicone Rubber Sealant, 732 RTV, Silastic, Room Temperature Vulcanizing, General Purpose Color White, Dow Corning 10.3 Oz. Cartridge
8.	1/2 kit	Rubber, RTV Molding, Silastic E, with Catalyst, 11 lb. per kit, by Dow Corning (Alternate - use 1 1/2" x 1/4" thick x 42'-0" Lg. Closed Cell, Medium Density Silicone Sponge rated for continuous use at > 400 F)
9.	1 Qt.	Paint, Fire Retardant, ALBI 107A, White
10.	1 Qt.	Paint, Finish, ALBI #144, White
11.	1 Lot	Pins, Cotter, Spring Steel, 1/8" x 1 1/2"
12.	48 Ea.	Caplugs, Polyethylene, Protective Closures Co., Buffalo, N.Y., #BPF-1/4"