

SIEMENS

January 26, 2000
PCR:00:004

U.S. Nuclear Regulatory Commission
Attn: Mr. C.R. Chappell, Section Chief
Licensing Section, NMSS/SFPO/SLID
Mail Stop 13 D 13
11545 Rockville Pike
Rockville, Maryland 20852

Dear Mr. Chappell:

Subject: Renewal of the Certificate for the ANF-250 packaging (Docket 71-9217)

- Ref.: 1. Letter, P.C. Rieke to C.R. Chappell, Supplemental Application for the ANF-250, dated June 30, 1999
- Ref.: 2. Letter, C.R. Chappell to J.B. Edgar, Request for Consolidated Safety Analysis Report with request for renewal of the ANF-250, dated December 1, 1999
- Ref.: 3. Letter, P. C. Rieke to C.R. Chappell, Renewal Request for the Certification of the ANF-250 (Docket 71-9217), dated December 28, 1999

Siemens Power Corporation (SPC) in response to Reference 2, is completing the application for re-certification that was initiated in Reference 3 for the ANF-250 packaging with a Consolidated Safety Analysis Report (SPC EMF-2055) with six copies enclosed.

In response to phone conversations with Mr. Mel Fields, SPC is also including the descriptions for the drawing changes that were a part of our Supplemental Application as noted in Reference 1.

Thanks to you as well as those on your staff for your assistance in this process. If you need additional information, please call me at 509-375-8186.

Siemens Power Corporation

2101 Horn Rapids Road
Richland, WA 99352

Tel: (509) 375-8100
Fax: (509) 375-8402

NMSSOI public

C. R. Chappell
January 26, 2000

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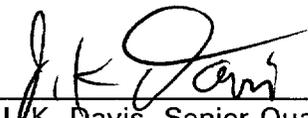
Very truly yours,

A handwritten signature in cursive script that reads "Philip C. Rieke".

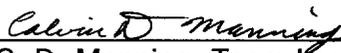
Philip C. Rieke
Transportation and Packaging Engineer
Regulatory Compliance

/pg

Enclosures

Approved: 
J.K. Davis, Senior Quality Engineer
Quality Engineering

1/26/00
Date

Approved: 
C. D. Manning, Team Leader
Criticality Safety

1/26/00
Date

Attachment

**Description of ANF-250 Shipping Container Drawing Changes and Associated
Technical/Safety Justifications**

Drawing No. EMF-306,175 Rev. 16 - Shipping Container Model ANF-250

Change Description and Justification

- a Deleted Sheet 2 dimensions not related to safety and parts lists. Added parts list information to face of sheet 1 of the drawing, all Zones. Dimensions deleted (detail 8, 5/8 diameter hole, size and location dimensions for item 9, 9/16 diameter on view D and paint note on item 24).

Justification:

Safety related items from Sheet 2 were transferred to Sheet 1 as described in the changes below. Information not related to safety was deleted. The parts list information on Sheets 1 and 2 was deleted and the items that were important to safety were added to the face of sheet 1 of the drawing. There is no adverse impact to the safety of the container as a result of these changes.

- b Added tab angle information from Sheet 2, Zone B11.
c Added spring dimensions from Sheet 2, Zones G6 and G5.
d Added weld callout from Sheet 2, Zone E5.
e Added lid diameter from Sheet 2, Zone D8.

Justification: b-e.

These comprise safety related information that was added to Sheet 1 from Sheet 2. There is no adverse impact to the safety of the container as a result of these changes.

- f Revised general notes to remove fabrication information, Zone F13.

Justification: Added note 4 and removed what was not important to safety. There is no adverse impact to the safety of the container as a result of this change.

- g Note 3, weld symbology, was revised from ISO to AWS standards, Zone F13 and on the face of the drawing, all zones.

Justification: Other SPC container license drawings use AWS standards for welding and this was changed to AWS to be consistent. There is no adverse impact to the safety of the container as a result of this change.

Change Description and Justification

h 3 7/8 min was 4 min, Zone A4.

Justification: A standard 4 inch bolt, when purchased, is a few thousands under 4 inches, therefore the dimension was reduced to 3 7/8 min to allow purchasing of 4 inch bolts. A 3 7/8 inch bolt has enough thread for full engagement of the nut. There is no adverse impact to the safety of the container as a result of this change.

j Revised weld callout, Zone F11.

Justification: The weld was described with a note. A weld symbol was added. There is no adverse impact to the safety of the container as a result of this change.

k Deleted "NPS" and ASTM A105 was ASTM A120, Zone A16.

Justification: NPS refers to Nominal Pipe Size and was confusing as it has been interpreted as meaning "straight thread," when in fact either straight or tapered threads may be used. Pipe fittings, unless specifically called out as straight or tapered threads, can be called out with the diameter and the word "pipe" to describe them. The threads for such fittings may be either straight or tapered. ASTM A120-84 is a discontinued specification and ASTM A105 is the current specification that covers pipe fittings. There is no adverse impact to the safety of the container as a result of this change.

m Deleted year from ASTM specifications, all Zones.

Justification: The ASTM specifications are generally revised for some editorial reason or a minor revision. If a specification is changed in a significant way such as material strength, a new specification is written. There is no adverse impact to the safety of the container as a result of this change.

Drawing No. EMF-306,176 Rev. 5 - Shipping Container Inserts

Change Description and Justification

- a Redrawn on CAD and combined safety-related information from all sheets of drawing EMF-607,244 into this drawing, all zones.
- b Parts list replaced with material callouts on the face of the drawing, all zones.
- c Sheet 2 added to show views required, all zones.

Justification: a,b and c.

Safety-related items from EMF-607,244 (3 sheets) were transferred to this drawing. There is no adverse impact to the safety of the container as a result of this change.

- d Deleted handle and locating pin in Section B-B of 607,244, Sheet 2 and added lid detail to View A in Sheet 1, Zone B13.

Justification: This is fabrication information that is not safety related. There is no adverse impact to the safety of the container as a result of this change.

- e Sheet 2 deleted 2 ¼ and 1 ½ dimensions from K-Box frame, Zones B3 and B4.

Justification: The 2 ¼ and the 1 ½ dimensions were for fabrication purposes for the frame and are not safety related. There is no adverse impact to the safety of the container as a result of this change.

- f Added "Shipping" to title, Zone H15.

Justification: The title was changed to be more consistent with other shipping container drawings. There is no adverse impact to the safety of the container as a result of this change.

- g Deleted year from ASTM specifications, Sheet 2 Zones H3 & H9.

Justification: The ASTM specifications are generally revised for some editorial reason or a minor revision. If a specification is changed in a significant way such as material strength, a new specification is written. There is no adverse impact to the safety of the container as a result of this change.

Drawing No. EMF-304,306 Rev. 8 - Pellet Shipping Suit Case

Change Description and Justification

a Redrawn on CAD, all zones.

Justification: To upgrade the drawing to current SPC standards. There is no adverse impact to the safety of the container as a result of this change.

b Deleted parts list and added all pertinent information to face of the drawing, all zones.

Justification: The parts list information for the safety-related items was added to the face of the drawing. There is no adverse impact to the safety of the container as a result of this change.

c Added alternate suit case base from Sheet 2 to Sheet 1, Zone H10 and deleted Sheet 2.

Justification: All the safety-related information on the alternate suit case base was transferred to sheet 1. There is no adverse impact to the safety of the container as a result of this change.

d Relabeled all views and sections and deleted detail 8 and section E-E all zones.

Justification: Standardized the method of depicting views and sections. There is no adverse impact to the safety of the container as a result of this change.

e Revised general notes to SPC standards, Zone D13.

Justification: This is to standardize the drawings and remove notes that were for fabrication only. There is no adverse impact to the safety of the container as a result of this change.

f Revised callout, Zone A9.

Justification: Reworded the note to describe the foam but deleted fabrication information having to do with adhering the gasket to the flange. There is no adverse impact to the safety of the container as a result of this change.

g Weld symbol was on inside, Zone E11.

Justification: As described in SPC's 10CFR71.95 report to the NRC on 9-24-98, some bases of ANF-250 pellet boxes had welds on the outside of their vertical corners instead of on the inside as depicted on the drawing. These boxes were welded on the inside to be compliant with the drawing. The proper placement of the weld should be on the outside and the drawing has been revised to reflect that. There is no adverse impact to the safety of the container as a result of this change.

Change Description and Justification

h Deleted handle callout, Zone D6.

Justification: This was fabrication information only for handling purposes. There is no adverse impact to the safety of the container as a result of this change.

j Added optional packing foam note, Zone D1.

Justification: This is packing foam that may be added during loading of the pellet trays. There is no adverse impact to the safety of the container as a result of this change.

k +/- ¼ was +/- ⅜, Zone F7 and +/- 1/16, Zone F1.

Justification: These tolerances are from identical dimensions on the two optional suitcase bases. They were changed to be consistent with each other and are within the confines of the as-built conditions. There is no adverse impact to the safety of the container as a result of this change.

m Deleted year from ASTM specifications, Zones H10, D7 & B15.

Justification: The ASTM specifications are generally revised for some editorial reason or a minor revision and if a specification is changed in a significant way such as material strength, a new specification is written. There is no adverse impact to the safety of the container as a result of this change.

n Deleted locating dimension for center support of bar, Zones F7 & G7.

p Deleted method of fastening bumper block.

Justification: n and p.

These are fabrication dimensions and are not important to safety. There is no adverse impact to the safety of the container as a result of this change.