



NRC-94-037

Westinghouse
Electric Corporation

Commercial Nuclear
Fuel Division

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August 2, 1994

U. S. Nuclear Regulatory Commission
Attn: Ms. Marissa Bailey
Storage and Transport Systems Branch
Division of Industrial and Medical Nuclear Safety, NMSS
Mail Stop 6H3
11555 Rockville Pike
Rockville, MD 20852

Subject: Docket 71-9239, Application for Approval of Packaging; MCC Shipping Containers, Package Identification USA/9239/AF.

Dear Ms. Bailey:

The Westinghouse Electric Corporation hereby submits six (6) copies of additional information regarding our application for approval of packaging of fissile radioactive material (MCC Shipping Containers).

Included in this submittal are the following:

Chapter 7, page 7.1. The previous maximum of 4.75 wt. % before horizontal absorber plates must be added to the containers has been reduced to 4.65 wt. %

Drawing MCCL301, Rev. 4. Note I has been changed.

Drawing MCCL301, Rev. 5. Note 2 has been changed.

If you have any questions concerning this submittal, please write to me at the above address, or telephone (803) 776-2610, extension 3426.

Yours very truly,

C. F. Sanders
C. F. Sanders, Manager
Nuclear Materials Management & Product Records



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CHAPTER 7: ROUTINE SHIPPING CONTAINER UTILIZATION **SUMMARY OPERATING PROCEDURES**

The following information contains the significant events relating to the routine use of fuel assembly shipping containers. Complete detailed instructions are outlined within the individual plant operating procedures and quality control instructions pertinent to each specific operation.

7.1.0 Receive fuel assembly shipping container.

- 7.1.1 Unload the shipping container from the truck.
- 7.1.2 Report any obvious damage to supervisor.
- 7.1.3 Prepare a container identification route card.

7.2.0 Clean shipping container.

- 7.2.1 Use soap or a suitable detergent and water to clean the container.
- 7.2.2 Hose down the container and direct a high pressure water stream around the flange area.
- 7.2.3 Move the container into the building and open.
- 7.2.4 Inspect for water leaks in the flange area.

7.3.0 Refurbish shipping container.

- 7.3.1 Repair any water leaks found and remove excess water from container.
- 7.3.2 Check container shell closure fasteners and repair damaged or rusted fasteners. Lubricate fasteners and torque.
- 7.3.3 Paint repaired and damaged paint areas on the container with Dupont Imron paint.
- 7.3.4 Inspect container support frame clamp pads and repair if necessary.

7.4.0 Prepare container for fuel assembly loading.

- 7.4.1 Configure fuel assembly clamping frame.
- 7.4.2 Place and secure spacer blocks in container as needed.
- 7.4.3 Configure top closure jack screws.
- 7.4.4 Install absorber plates specific to the fuel assembly types to be loaded. For enrichments greater than 4.65% (for MCC-3 and MCC-4) or 4.80% (for MCC-5), an additional set of gadolinium plates is required.
 1. MCC-3 and MCC-4 containers have vertical gadolinium absorber plates installed between the fuel assemblies, which must be in place for all enrichments of fuel assemblies. For enrichments greater than 4.65 wt%, additional segmented horizontal absorber

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