

liners in the containers. The root cause was determined to be Design Error, mistake in drawing/specification/data. The DYMCAS data does not explain what is covered by tare weight data.

RESOLUTION/RECOMMENDED ACTIONS: The maximum loading limit calculations were revised based on the correct interpretation of the DYMCAS. The procedure was revised to incorporate revised maximum loading limits from the above calculations. Notification was made to original calculation preparers of problem with calculation assumptions and interpretation of the computer data report.

Data provided for analytical calculations should be clearly understood, communicated properly, and interpreted correctly. Personnel who are involved in performing analytical calculations, should ensure that assumptions are clearly understood and documented for future reference. These assumptions should be documented such that they are readily available to users of the calculation results. Incorporating calculation assumptions and methodologies in operating procedures can help avoid similar incidents from occurring.

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KEYWORDS: tare weights, containers, calculations, load limits
REFERENCES: ORO--BJC-PORTENVRES-1998-0008
DOE FUNCTIONAL CATEGORY: Engineering Design and Construction (Nuclear)
BJC FUNCTIONAL CATEGORY: CS Criticality Safety
HAZARD CATEGORY: Other
WORK ACTIVITY: Other