

From: David T. Tang <dt@nrc.gov>
To: <nrcprep@nrc.gov>
Date: Wed, Mar 5, 2003 10:14 AM
Subject: Response from "Comment on NRC Documents"

2/21/03
68 FR 8530
①

Below is the result of your feedback form. It was submitted by

David T. Tang (dt@nrc.gov) on Wednesday, March 05, 2003 at 10:16:00

Document Title: United States Nuclear Regulatory Commission Package Performance Study Test Protocols

Comments: 1. Page 16 of the report states, "Neglecting this preload is conservative because..." As properly identified in Section 2.6, Structural Panel Recommendations, Item 6, "...bolt preload should be included in both the test and in the calculations...", this commentator strongly urges that the highest priority be placed in implementing the test protocols to capture accurately the cask lid opening/closing behavior. A "conservative" approach by neglecting preload will defeat the objectives of the test program.

2. In describing measures of success, page 49, the report suggests a predicted peak acceleration of around 8,400 Gs on the the cask wall. It appears that this high acceleration response is most likely associated with spurious components of both a test and a PRONTO-3D finite element analysis. On this note, the Sandia National Laboratories should propose upfront a data acquisition and reduction program for review by an expert panel to ensure proper interpretation and use of the tested and analytical results.

organization: USNRC/SFPO

address1: USNRC, Washington, DC 20555-0001

address2:

city:

state: ---

zip:

country:

phone: 301-415-8535

RECEIVED
MAR -6 AM 10:03
Rules and Directives
Branch
10/1/03

Template - ADM-013

E-RIDS = ADM-03
Call = A. Snyder (AMS3)
A.J. Murphy (ASM1)