

NOTE TO: FILE

DOCKET NO: 71-9356

ATTENDEES: NRC  
David Tang  
David Pstrak  
Sara DePaula  
Michele Sampson  
Jennie Rankin

NAC INTERNATIONAL  
Mike Yaksh  
Sue Mountain  
Tom Danner  
Tony Patko

SUBJECT: 03/23/2011, 11:00 AM, CONFERENCE CALL WITH NAC INTERNATIONAL, TO DISCUSS THE IMPACT LIMITER DESIGN AND BENCHMARKING FOR THE MODEL NO. MAGNATRAN TRANSPORT PACKAGE

DISCUSSION:

Staff is currently performing an acceptance review on the Model No. MAGNATRAN transport package. It was noted during the post-submittal public meeting on March 16, 2011, that additional discussion concerning the impact limiter design and benchmarking was warranted. During this follow-up telephone conference with NAC International (NAC), staff expressed concern that the current analysis of the impact limiter is inconclusive due to the new design of this impact limiter potentially causing differences in load path and configuration as compared to previous models. NAC and staff discussed that a possible path forward would be to perform scale model drop testing in an effort to benchmark the impact limiter analysis and support a robust calculation model.

Staff recognizes that it would not be possible to perform scale model drop testing in the time period allotted for Requests for Supplemental Information (RSI) responses to be submitted. Staff would consider a RSI response that committed to scale model drop testing and estimated dates for testing and analysis to be completed. If NAC submits a response which indicates that new testing and analysis would be provided after the review begins, there is a risk that it could result in re-review once the new data is received. If there is any significant change in the current impact limiter performance presented in the application as a result of the new data, other structural, thermal or criticality analysis may require revision.