

NASA Range Safety Program 2006 Annual Report

DEVELOPMENT, IMPLEMENTATION, SUPPORT OF RANGE SAFETY POLICY VARIANCE PROCESS

During 2006, NASA Range Safety worked diligently to finalize KDP-KSC-P-3829, *NASA Range Safety Variance* process as directed by NPR 8715.5. The plan was signed in June 2006 and provided the opportunity to use the new process to document existing range safety non-compliances held by the Air Force Eastern and Western Ranges. NASA Range Safety obtained all past and current non-compliances related to the Launch Services Program and the Space Shuttle Program.

We conducted a review of the technical rationale used in the disposition of each variance, provided our own independent evaluation of the rationale, and documented all of them on the NASA Range Safety Variance Request form. NASA Range Safety also established a database and hard copy file of all documentation.

The process outlined in the graphic below is used for each new range safety related variance for both Launch Services Program and the Space Shuttle Program and will be used for the Constellation Program as well.

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