

National Aeronautics and  
Space Administration

**George C. Marshall Space Flight Center**  
Marshall Space Flight Center, AL 35812



February 17, 2004

Reply to Attn of: QS01 (04-003)

TO: DA01/David A. King  
THRU: AD35/Deborah Wills *DW*  
FROM: QS01/N. Jan Davis, Ph.D.  
SUBJECT: Request for Cancellation of MWI 1700.1C, "Payload Safety  
Readiness Review Board (PSRRB)

In accordance with MPG 1410.2, the Safety, Reliability and Quality Assurance Policy, Assessment & Integration Department requests approval for cancellation of MWI 1700.1C, PSRRB.

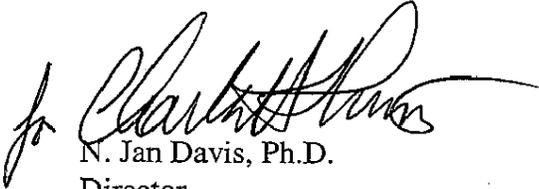
The subject MWI was baselined in 1999, as a document conversion from MSFC-P04.1-C02. The Marshall Space Flight Center (MSFC) PSRRB and the related review process were originally established in 1999, to assess the readiness of Marshall Space Flight Center (MSFC) managed projects or experiments preparing Payload Safety Compliance Data for the National Space Transportation System (NSTS) and the International Space Station (ISS) Payload Safety Reviews at Johnson Space Center (JSC). At the time of the establishment of the board, MSFC was developing or managing the development of several complex payloads and experiments, which presented unique safety analysis challenges. The PSRRB review provided a concentrated assessment of the potential safety issues by MSFC technical experts. The reviews were established and coordinated by the Safety and Mission Assurance personnel who had extensive experience with the NSTS and ISS Payload Safety Review process. Since the board has been established, several MSFC payloads have successfully completed the process, receiving positive feedback from the JSC boards about the quality of the associated products. The effectiveness of the MSFC assessment activities can also be measured by the wide variety of MSFC payloads and experiments that have had safe and successful operation in Space Shuttle and Space Station.

Because of the experience base built by the MSFC development teams during the past seven years and the changing (less complexity, more benign) nature of the payloads and experiments being developed, the board and the associated review process have made decreasing contributions to the MSFC payload readiness process in recent years.

***Mission Success Starts with Safety***

Since both of these trends are expected to continue, PSRRB activity is expected to continue to decrease. Given these conditions and the active interplay among the MSFC engineering, project, and S&MA communities that will continue to foster thorough assessments and products, it is recommended that MWI 1700.1C be canceled.

Control of Quality Records for the MSFC Payload Safety Readiness Review Board (QS10-SS-010), that is associated with MWI 1700.1C, will be modified to note the date of the cancellation of the MWI 1700.1 and the cession of board activity. The PSRRB files and associated records will be maintained under the current provisions of QS10-SS-010 which are keyed to the life cycles of reviewed payloads and experiments.

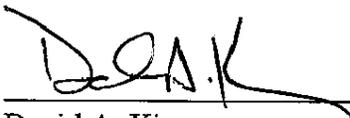


N. Jan Davis, Ph.D.

Director

Safety & Mission Assurance

Approval:



David A. King  
MSFC Director

4/7/04  
Date