

SPD 8715.1
October, 2000

John C. Stennis Space Center Operational Readiness Program



National Aeronautics and
Space Administration

John C. Stennis Space Center
Stennis Space Center, MS 39529-6000

Stennis Policy Directive	SPD 8715.1	Basic
	<i>Number</i>	<i>Rev.</i>
	Effective Date: October 27, 2000	
	Expiration Date: October 27, 2005	
Page 2 of 3		
Responsible Office: QA00/Safety and Mission Assurance (S&MA)		
SUBJECT: SSC Operational Readiness Program		

1. POLICY

- a. This SPD establishes the policy and requirements for conducting an Operational Readiness Assessment (ORA) of facilities, operations, or equipment including Special Test Equipment (STE) to assure initial and continued safe operations.
- b. Changes to facilities, equipment and operations that increase risk will be identified, reviewed and inspected for impacts that are potentially hazardous to personnel and susceptible to severe property damage prior to initiation of operations of the complete system.
- c. ORA reviews and inspections will be performed either by an Operational Readiness Inspection Committee (ORIC), a Safety Review Team (SRT), or an Independent Investigator (II). ORICs, SRTs or IIs will verify the operational readiness of the facility and that appropriate safety measures and risk reductions have been completed. An Operational Readiness Assessment Board (ORAB) will review and evaluate ORIC activities and approve/certify the readiness of facilities, equipment, and operations for first operational use at SSC. The Director of Safety and Mission Assurance (S&MA) and the Director of the appropriate operating Directorate will make reviews, evaluations and certification of SRT and II activities.
- d. Chairpersons and members of the ORIC and SRT will be selected, to the extent possible, from organizations without a vested interest in the activity for which the review is being conducted.

2. APPLICABILITY

This Policy Directive governs all operations under the management responsibility of Stennis Space Center (SSC), whether performed at SSC or some other location, whether performed by NASA or NASA contractor employees. This Policy Directive applies to new construction or modification of existing facilities, operations and equipment in support of programs where there is a significant degree of risk of mishaps. Such mishaps may be associated with improper operation that might cause personal injury or death, or where there is a high risk or serious damage to equipment, test articles, buildings, or adjoining areas. Where contractors do not have such programs, this Policy Directive and support procedural guidelines shall be used as a guide in establishing such programs.

3. AUTHORITY

NPG 8715.3, *NASA Safety Manual, Chapter 8: Facility Safety.*

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Page 3 of 3		
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4. REFERENCES

All references are assumed to be the latest version unless otherwise specified.

- a. NASA-STD-8719.7, *Facility System Safety Guidebook*.
- b. 29 CFR, Part 1910.119, *Process Safety Management*.
- c. 40 CFR, *Chapter 1, Environmental Protection Agency, Subchapter C, Program 2 Prevention Program, Part 68, Chemical Accident Prevention Provisions*.
- d. NASA-STD-8719.1, *Operational Readiness*.

5. MEASUREMENTS

In assessing compliance with current policy, the S&MA Office shall provide a metric report identifying and measuring ORIC, SRT and II performance.

6. CANCELLATION

This SPD supersedes SPD 1700.4B, dated December 30, 1996.

Original Signed By

Roy S. Estess
Director

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