

§ 1216.301

the regulations of the Council on Environmental Quality (43 FR 55978) which establish uniform procedures for implementing those provisions of NEPA.

§ 1216.301 Applicability.

(a) This subpart is applicable to NASA Headquarters and field installations.

(b) The procedures established by this subpart apply to all NASA actions which may have an impact on the quality of the environment. These actions may fall within any of the four NASA budget categories: Research and Development (R&D), Construction of Facilities (CoF), Research and Program Management (R&PM), and Space Flight Control and Data Communications (SFCDC), or, if not involving budget authority or other congressional approval, may be separate from the categories.

[44 FR 44485, July 30, 1979, as amended at 53 FR 9760, Mar. 25, 1988]

§ 1216.302 Definition of key terms.

The definitions contained within part 1508, *Terminology and Index*, CEQ Regulations, 43 FR 55978, apply to subpart 1216.3. Additional definitions, necessary for the purpose of this subpart, are as follows:

(a) *Budget line items*. The individual items in the annual NASA authorization legislation which are used here to classify the range of NASA actions. The four main budget line items are:

(1) *Research and Development (R&D)*. Those activities directed towards attaining the objectives of a specific mission, project, or program. All NASA's aeronautics and space program elements are categorized within the R&D program categories. R&D funds are expended chiefly for contracted research and development and for research grants. Some R&D funds are also expended in support of in-house research (e.g., equipment purchases and other research support, but *not* civil service salaries).

(2) *Research and Program Management (R&PM)*. Those activities directed towards the general support of the NASA institution charged with the conduct of the aeronautics and space program. R&PM funds are expended for the NASA civil service work force (both for

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performing in-house R&D and for planning, managing, and supporting contractor and grantee R&D), and for other general supporting functions.

(3) *Construction of Facilities (C of F)*. Those activities directed towards construction of new facilities; repair, rehabilitation, and modification of existing facilities; acquisition of related facility equipment; design of facilities projects; and advance planning related to future facilities needs.

(4) *Space Flight, Control and Data Communications (SFCDC)*. Has similar scope to R&D but covers activities which are primarily of a production and operational nature related to space flight. The content includes the national fleet of Space Shuttle orbiters, including main engines, launch site and mission operations, initial spares, production tooling and supporting activities, launch operations and tracking and data acquisition.

(b) *Construction of facilities project*. The consolidation of applicable specific individual types of facility work, including related collateral equipment, which is required to fully reflect all of the needs, generally relating to one facility, which have been or may be generated by the same set of events or circumstances which are required to be accomplished at one time in order to provide for the planned initial operational use of the facility or a discrete portion thereof. Facility projects are subject to the NASA decision processes of § 1216.304.

(c) *Environmental analysis*. The analysis of the environmental effects of proposed actions, including alternative proposals. The analyses are carried out from the very earliest of planning studies for the action in question, and are the materials from which the more formal environmental assessments, environmental impact statements, and public record of decisions are made.

(d) *Institutional action*. An action to establish, change, or terminate an aspect of the NASA institution, defined as the total NASA resource (plant, employees, skills).

(e) *R&D project*. A discrete research and development activity, with a scheduled beginning and ending, which normally involves one of the following primary purposes:

(1) The design, development, and demonstration of major advanced technology hardware items;

(2) The design, construction, and operation of a new launch vehicle (and associated ground support) during its research and development phase; and

(3) The construction and operation of one or more aeronautics or space vehicles (and necessary ground support) in order to accomplish a scientific or technical objective. R&D projects are each subelements in the NASA R&D budget line item. R&D projects are subject to the decision processes of § 1216.304.

(f) *SFCDC project*. R&D type projects authorized under the SFCDC budget line item.

[44 FR 44485, July 30, 1979, as amended at 53 FR 9761, Mar. 25, 1988]

§ 1216.303 Responsibilities of NASA officials.

(a) The Associate Administrator for Management or designee, who is responsible for developing the procedures of this subpart and for ensuring that environmental factors are properly considered in all NASA planning and decisionmaking, shall:

(1) Monitor these processes to ensure that the agency procedures are achieving their purposes;

(2) Advise line management and inform NASA employees of technical and management requirements of environmental analysis, of appropriate expertise available in and out of NASA, and—with the assistance of the NASA General Counsel—of relevant legal developments; and

(3) Consolidate and transmit to the appropriate parties NASA comments on environmental impact statements and other environmental reports prepared by other agencies.

(b) Officials-in-Charge of Headquarters Offices (hereafter termed "Headquarters officials") are responsible for implementing the procedures established by these regulations for the consideration and documentation of the environmental aspects of the decision processes in their respective areas of responsibility.

(c) The Assistant Administrator for Legislative Affairs is responsible for ensuring that the legislative environ-

mental impact statements accompany NASA recommendations or reports on proposals for legislation submitted to Congress. The Associate Administrator for Management, the Chief Financial Officer (CFO)/Comptroller and the General Counsel will provide guidance as required.

[44 FR 44485, July 30, 1979, as amended at 53 FR 9761, Mar. 25, 1988; 56 FR 50507, Oct. 7, 1991]

AGENCY PROCEDURES

§ 1216.304 Major decision points.

The possible environmental effects of a proposed action must be considered, along with technical, economic, and other factors, in the earliest planning. At that stage, the responsible Headquarters official shall begin the necessary steps to comply with all the requirements of section 102(2) of the National Environmental Policy Act of 1969. Major NASA activities, particularly R&D (or SFCDC) and facility projects, generally have four distinct phases: The conceptual study phase; the detailed planning/definition phase; the development/construction phase; and the operation phase. (Other NASA activities have fewer, less well-defined phases, but can still be characterized by phases representing general or feasibility study, detailed planning or definition, and implementation.) Environmental documentation shall be linked to major decision points as follows:

(a) Completion of an environmental assessment and the determination as to whether an environmental impact statement is required must be made prior to the decision to proceed from the conceptual study phase to the detailed planning/definition phase of the proposed action. For example, this determination must be concurrent with:

(1) Proposal of an R&D (or SFCDC) project for detailed planning and project definition;

(2) Proposal of a major Construction of Facilities project for detailed planning and project definition;

(3) Proposal of an institutional action (other than a facility project) for detailed planning and definition; and

(4) Proposal of a plan to define changes in an approved project.