

National Aeronautics and Space Administration
Headquarters
Washington, DC 20546-0001



August 22, 2013

NID 8800.1
NPD 8800.14D

Reply to Attn of: **Integrated Asset Management Division**

TO: Directors, NASA Centers

FROM: Assistant Administrator for Strategic Infrastructure

SUBJECT: NASA Interim Directive (NID) for NPD 8800.14D, Land Management

NASA strives to efficiently and prudently use the lands entrusted to the agency by the people of the United States. This obligation has become even more important given the significant vulnerability of many acres of low-lying NASA real estate. Extreme weather events and climate change risks are a particular concern for our agency and pose a real risk to NASA mission activities. It is therefore NASA policy to consider flooding risks when making plans and agreements regarding land use and investment decisions on facilities projects.

To implement this policy, NASA establishes an elevation-based zoning system as follows:

1. New construction and substantial renewal of real property assets within the 100-year flood plain is restricted to those required to support waterfront activities (port facilities, seawalls, etc.), buffer zones, unenclosed storage, and recreation. New construction and substantial renewal projects required to support waterfront activities must be designed to protect against flooding via hardening and/or elevation of functional areas;
2. New construction and substantial renewal of real property assets outside of the 100-year flood plain but within the 500-year flood plain is also restricted. In addition to projects permitted within the 100-year flood plain, low value, relocatable, or temporary (design lifespan less than 30 years) structures containing non-essential functions are also permitted. Substantial investment and new construction in such areas must be designed to protect NASA assets against flooding risk via hardening and/or elevation; and
3. Responsible authorities (as outlined below) are also tasked with designating alternate suitable area(s) for relocating critical activities and infrastructure for area(s) where sea level change poses a significant current or future risk at NASA sites.

Responsibilities to implement this policy are:

1. The Assistant Administrator for Strategic Infrastructure is responsible for managing the overall effectiveness of Agency land management policies and practices, and approving waivers to this policy as may be required;
2. The Director, Integrated Asset Management Division, is responsible for incorporating this policy and these procedures into the review of master plans and land use agreements, and developing and administering a process to evaluate Center requests for waivers for land agreements when NASA mission would likely be adversely affected by adhering to this policy;
3. The Director, Facilities Engineering Division, is responsible for incorporating this policy and these procedures into the Agency CoF program (planning, project selection, design, and execution), and developing and administering a process to evaluate Center requests for waivers for investments when NASA mission would likely be adversely affected by adherence to this policy; and,
4. NASA Center Directors and Manager, NASA Management Office – Jet Propulsion Laboratory, are responsible for ensuring that NASA land is managed in accordance with this policy; documenting elevation-based zoning in the Center Master Plan upon the next update (including 100- and 500-year flood zones as defined by the Federal Emergency Management Agency, and areas designated for potential relocation of critical activities along with any significant buffer requirements); and requesting waivers of this policy in accordance with the Facilities Engineering Division and the Integrated Asset Management Division processes when mission would likely be adversely affected by adherence to this policy.

This interim directive is issued under NASA Policy Directive 8800.14D, Policy for Real Estate Management (Revalidated, October 14, 2009). This NID applies to all NASA Centers and Component Facilities. It is valid for 1 year from the effective date of this memorandum. Questions regarding this NID and its implementation should be directed to Calvin F. Williams, Director, Integrated Asset Management Division, NASA Headquarters, at <calvin.williams@nasa.gov>.



Olga M. Dominguez

Directors, NASA Centers

Ames Research Center/Dr. Worden
Dryden Flight Research Center/Mr. McBride
Glenn Research Center/Mr. Free
Goddard Space Flight Center/Mr. Scolese
Jet Propulsion Laboratory/Dr. Elachi
Johnson Space Center/Dr. Ochoa
Kennedy Space Center/Mr. Cabana
Langley Research Center/Ms. Roe
Marshall Space Flight Center/Mr. Scheuermann
Stennis Space Center/Dr. Gilbrech

cc:

General Counsel/Mr. Wholley
Executive Secretariat/Mr. Box
Office of the Administrator/Ms. Manuel
Office of the Administrator/Ms. McNair
Office of the Administrator/Ms. McCannon
Office of the Deputy Administrator/Ms. Roberts
Office of the Deputy Administrator/Ms. Ross
Office of the Deputy Administrator/Ms. McWilliams
Office of the Deputy Administrator/Ms. Nelson
Office of the Associate Administrator/Ms. Wijdoogen
Office of the Chief Scientist/Dr. Allen

Center Operations Points of Contact

Ames Research Center

- Mr. Duff

Dryden Flight Research Center

- Mr. Barr

Glenn Research Center

- Dr. Shyne

Goddard Space Flight Center

- Mr. Paprocki

Jet Propulsion Laboratory

- Mr. Develle

Johnson Space Center

- Mr. Walker

Kennedy Space Center

- Ms. Bray

Langley Research Center

- Ms. Mangum

Marshall Space Flight Center

- Mr. Doering

Stennis Space Center

- Mr. Glorioso

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July 15, 2013

Rep'l; to Attn of:

Integrated Asset Management Division

TO: Center Operations Points of Contacts

FROM: Director, Integrated Asset Management Division

SUBJECT: NASA Interim Directive (NID) on Land Management

Earlier this year, the Office of Strategic Infrastructure circulated a draft NASA Policy Directive (NPD) for Land Management to Centers, which provided considerable input in response. Based on that input, we made many changes to the content of the document. We also streamlined it from a NPD to a NID; a new draft is enclosed for your review. Please provide me any additional input you see as necessary by close of business July 26, 2013, in preparation for subsequent NASA Online Directives Information System review.

A handwritten signature in black ink that reads "Calvin F. Williams".

Calvin F. Williams

Enclosure

Center Operations Points of Contact

Ames Research Center

• Mr. Duff

Dryden Flight Research Center

• Mr. McKee

Glenn Research Center

• Dr. Shyne

Goddard Space Flight Center

• Mr. Paprocki

Jet Propulsion Laboratory

• Mr. Develle

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Kennedy Space Center

• Ms. Bray

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