

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

NOTICE 94-SSC-01

National Environmental Policy Act; Finding of No Significant Impact; Modifications to Nonhazardous Solid Waste Landfill at Stennis Space Center

AGENCY: National Aeronautics and Space Administration (NASA)

ACTION: Finding of No Significant Impact

SUMMARY: Pursuant to the National Environmental Policy Act of 1969, as amended (NEPA) (42 U.S.C. 4321 et seq.), the Council on Environmental Quality Regulations for Implementing the Procedural Provisions of NEPA (40 CFR Parts 1500-1508), and NASA's Procedures for Implementing NEPA (14 CFR Subpart 1216.3), NASA has made a Finding of No Significant Impact (FONSI) with respect to modifications to the existing, permitted nonhazardous solid waste landfill located at Stennis Space Center. NASA is planning modifications to this landfill to meet revised State of Mississippi nonhazardous solid waste requirements. The FONSI is based on information supplied in the Environmental Assessment.

DATE: Comments in response to this notice must be received in writing within 30 days of (first date of publication).

ADDRESSES: Comments should be addressed to Ronald G. Magee, NASA Environmental Officer, Code GA00, Stennis Space Center, MS 39529-6000; Telephone (601) 688-7384. The Environmental Assessment (EA) for modifications to the nonhazardous solid waste landfill that supports this FONSI may be reviewed at:

NASA Research Library, Building 1100, Stennis Space Center, MS

Hancock County Library, Highway 90, Bay St. Louis, MS

Margaret Reed Crosby Library, Picayune, MS

St. Tammany Parish Library, Slidell, LA

NASA Headquarters Information Center, Room 1H23, Two Independence Square, S.W., Washington, DC

A limited number of copies of the EA are available by contacting Ronald G. Magee, NASA Environmental Officer, at the address and/or telephone number indicated.

FOR FURTHER INFORMATION CONTACT:

Ronald G. Magee, NASA Environmental Officer, Code GAOO, Stennis Space Center, MS 39529-6000; Telephone (601) 688-7384

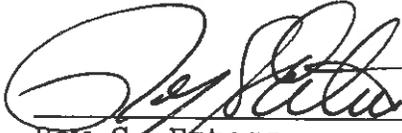
SUPPLEMENTARY INFORMATION: NASA has determined that the Environmental Assessment for modification to the nonhazardous solid waste landfill located on SSC represents an accurate and adequate analysis of the scope and level of associated environmental impacts. The EA is incorporated by reference in this FONSI.

The proposed modifications and upgrading of the landfill area will meet Federal and state regulatory requirements. Two existing landfill cells will be capped. New landfill cells will be excavated and constructed. Specific design elements for the new cells are a composite liner system, a leachate collection and treatment system, a stormwater collection system, improved security fencing and a perimeter roadway. In addition, a new recycling facility will be constructed adjacent to the landfill to facilitate waste minimization and reuse/recycling efforts. Utilities such as power and water will be provided to the area as part of this project.

Alternatives considered include the No Action Alternative (*i.e.*, no modification) as well as alternative offsite and onsite methods for solid waste disposal. Cancellation of the project would result in termination of operation of the existing landfill and significant costs to the operation of SSC associated with offsite treatment/disposal operations and the environmental risk associated with offsite treatment/disposal operations.

The environmental impacts identified as a result of the Environmental Assessment are as follows. Air emissions include fugitive emissions from construction, excavation and daily operation of the landfill. NASA will pursue modifications to its existing air permit with the appropriate regulatory agencies to cover this activity. Wastewater generated from this activity includes stormwater runoff and leachate collection. The wastewater will be collected and contained and not be directly discharged to surface water. NASA will pursue appropriate modifications to its current NPDES permit for these discharges. The proposed project site is at an existing, permitted landfill and is not located in wetlands or floodplains. No threatened or endangered species, critical habitats, historical or cultural resources will be affected by the project. No other matters of potential environmental concern have been identified. Under planned operation of the facility, no significant effects to the environment are anticipated.

On the basis of the EA and underlying reference documents, NASA has determined that the environmental impacts associated with this project will not individually or cumulatively have a significant effect on the quality of the environment. Therefore, an environmental impact statement is not required. NASA will take no final action or authorize construction activities prior to the expiration of the 30-day comment period.



Roy S. Estess
Center Director
John C. Stennis Space Center

4/19/94

Date

Concurrence:



Billie J. McGarvey
Director, Facilities Engineering Division
NASA Headquarters

4/25/94

Date