

AWT and PSL MITIGATION

Anne Power

36 CFR PART 800 -- PROTECTION OF HISTORIC PROPERTIES (incorporating amendments effective August 5, 2004)

Subpart A -- Purposes and Participants

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800.1 Furposes. 800.2 Participants in the Section 108 process.

Subpart B -- The Section 106 Process

800.3 Initiation of the section 106 process.

- \$00.4 Identification of historic properties.
- 800.5 Assessment of adverse effects.
- 800.8 Resolution of adverse effects.
- 800.7 Failure to resolve adverse effects.
- \$00.\$ Coordination with the National Environmental Policy act.
- 800.9 Council review of Section 106 compliance.
- 800.10 Special requirements for protecting National Historic Landmarke.
- 800.11 Documentation standards.
- \$00.12 Emergency situations.
- 800.13 Post-review discoveries.

Subpart C -- Program Alternatives

- 800.14 Federal agency program alternatives. 800.15 Tribal. State and Local Program Alternatives, (Reserved) 800.18 Definitions.
- Appendix A Criteria for Council involvement in reviewing individual section 106 cases

project planning. The goal of consultation is to identify historic properties potentially affected by the undertaking, assess its effects and seek ways to avoid, minimize or mitigate any adverse effects on historic properties.

(b) Relation to other provisions of the act. Section 106 is related to other provisions of the act designed to further the national policy of historic preservation. References to those provisions are included in this part to identify circumstances where they may affect actions taken to meet section 106 requirements. Such provisions may have their own implementing regulations or guidelines and are not intended to be implemented by the propadures in this part except insofar as they relate to the section 106 process. Cuidelines, policies and procedures issued by other agencies, including the Secretary, have been cited in this part for ease of access and are not incorporated by reference.

(c) Timing. The agency official must complete the section 106 process "prior to the approval of the expenditure of any Federal funds on the undertaking or prior to the issuance of any license." This does not prohibit agency official from conducting or authorizing nondestructive project planning activities before completing compliance with section 106, provided that such actions do not restrict the subsequent consideration of alternatives to avoid. minimize or mitigate the undertaking's adverse effects on historic properties. The agency official shall ensure that the section 106 process is initiated early in

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About Cultural Resources and Historic Preservation at NASA

"Enabling environmentally sound mission success"



Marshall Space Flight Center's Preservation Officer, Ralph Allen, received first place in the Southeast Region category in the "Imaging Our National Heritage" contest sponsared by the National Park. Samira's Notional Ifference Landmarks Provenue, San Anard for

Environmental Management Division: Cultural Resources and Historic Preservation

NASA's Energemental Management Devision is a unit (Code OJE) of the Office of Infrastructure and Management (Code OJ), which reports to the Office of the Assessment Administrator for Institutional and Corporate Management (Code O) The MASA Environmental Management Directon serves as Agency lead in assuring that NASA meets its Federal stewardship responsibilities and athreves sustainability while carrying out its primary mission of understanding and protecting our home planet, exploring the Universe and searching for life, and inspiring the next generation of explorers.

Under Section 110 of the National Historic Preservation Act, conservation of cultural resources is an important component of NASA's environmental management error and The NASA. Environmental Management Division includes MASA's Federal Preservation Officer (FPO), who works closely with NASA Center. and Facility Historic Preservation Officers and Archeology Leads. NASA's FPO also works closely with the NASA Senior Historian in constrying instone NASA properties. NASA's FPO also serves as a liagon to the Advisory Council on Historic Preservation, the National Park Service including, for example, the Federal Archeologist and the Keeper of the National Register of Historic Places, other Federal, State, and Tobal Preservation Officers, the NASA Tobal Government Constitution Official and USSA music an official

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Historical Mitigation

Section 106 of the National Historic Preservation Act requires the documentation of historic government facilities prior to any significant structural changes, demolitions, or relocations. NASA Glenn Research Center has a number of historic facilities, some of which are scheduled to be demolished. The Glenn History Office, Glenn Preservation Officer, and facility managers are working with the State Historic Preservation Officer to develop documentation strategies, budgets, and work plans. The result will be a permanent documentary record for the facility, lessons learned insight for internal NASA use, increased public awareness of NASA Glenn contributions to society, educational resources, and a collected body of materials for future researchers.







Collection of historical documents and photographs



Historical Mitigation

This process consists of two facets—the documentation of the facilities and their history and the interpretation and dissemination of that information to the public. The documentation includes archiving historical documents, interviewing retirees, and the collection of historical photographs and film.



BONDediers have been appointed in almost all divisions. Not yet appointed are workers in the Buildings and Grounds and Auditing Divisions. Others are: Engine Components, Clara Dornon: Engine Research, Catherine Varian; Instruments; Helen Saxer, ida Busnak, and Jean Menke; Flight Research, Millip Pragliola; Fuels and Lubes, Phyllis Hayes: Manager's Office, Charles E. Cooper; Icing Research, Willis Kenyon and Richard Lyons; Thermodynamics, Christine Montgomery; Design, Evelyn Lasch; Engine Installation, George Darchuk; Supercharger, Fred J. Hartwig, Jr.; Fabrication, George Krynak; Expediting, Robert Schmidt; Engineering Services, E. Daniel Williams: Executive Engineers' Office, Ferris L. Seashore; Administrative, Arline Grentzer; and Cafeteria, Helen Thompson.

FEATURES AERL WIND TUNNEL



"Much of the research into future aircraft engines will come from laboratories being built at Cleveland Airport by the government's National Advisory Coumittee for Aeronautics," says Business Week in a recent issue. "Main feature of this project is the huge wind tunnel that's designed to test gas turbines and other experimental power plants at all practical temporatures and simulated altitudes."

Technical drawings







Still imaging documentation







Historical Mitigation

The documentation information that is collected is then distilled into several different media to be shared with the public. These include a book that will describe the testing and places the facility in the context of contemporary aerospace research. A web page and multimedia CD-ROM will be created which will include photographs, video clips, historical narratives, and other resources. Display panels will also be created and erected near the former facilities. Bronze Ohio historical markers will also be displayed.

Although these historic NASA Glenn facilities will be gone, their story will be preserved for future generations.

In addition, the facilities will be photographed prior to and throughout the demolition, panoramic images will be created, detailed reports will be written describing the physical structure, and detailed drawings will be created.



Historical Publications







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Welcome to the Rocket Engine Test Facility (RETF) website.

The RETF was a National Historic Landmark located at the NASA Glenn Research Center in Cleveland, Ohio,

Throughout most of its 46-year history (1957-2003), the facility played an integral part in the development of NASA rocket technology. This Web site was designed to preserve the legacy of the RETF.

You can see photographs and videos of RETF and take interactive lessons on rocket engine testing.

You can also learn about the traveling exhibit and how to bring it to a museum in your area.

NATIONAL AFRONAUTICS. AND SPACE ADMINISTRATION

Web Curelon history@gmnasa.gov - Responsible NASA Official: Kevin P. Coleman. Accessibility information : http://www.gts.nasa.gov/Doc/access.html NASA Privacy Statement: http://www.gts.nasa.gov/Doc/acces.html



Questions & Answers

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"We shape our buildings; thereafter, our buildings shape us." —Winston Churchill