AWT and PSL

MITIGATION

Anne Power

National Historic Preservation Act

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

Subpart A -- Purposes and Participants

Sec.
800.1 Purposes.
800.2 Participants in the Section 106 process.

Subpart B -- The Section 106 Process

800.3 Initiation of the section 106 process.
800.4 Identification of historic properties.
800.5 Assessment of adverse effects.
800.6 Resolution of adverse effects.
800.7 Failure to resolve adverse effects.
800.8 Coordination with the National Environmental Policy act.
800.9 Council review of Section 106 compliance.
800.10 Special requirements for protecting National Historic Landmarks.
800.11 Documentation standards.
800.12 Emergency situations.
800.13 Post-review discoveries.

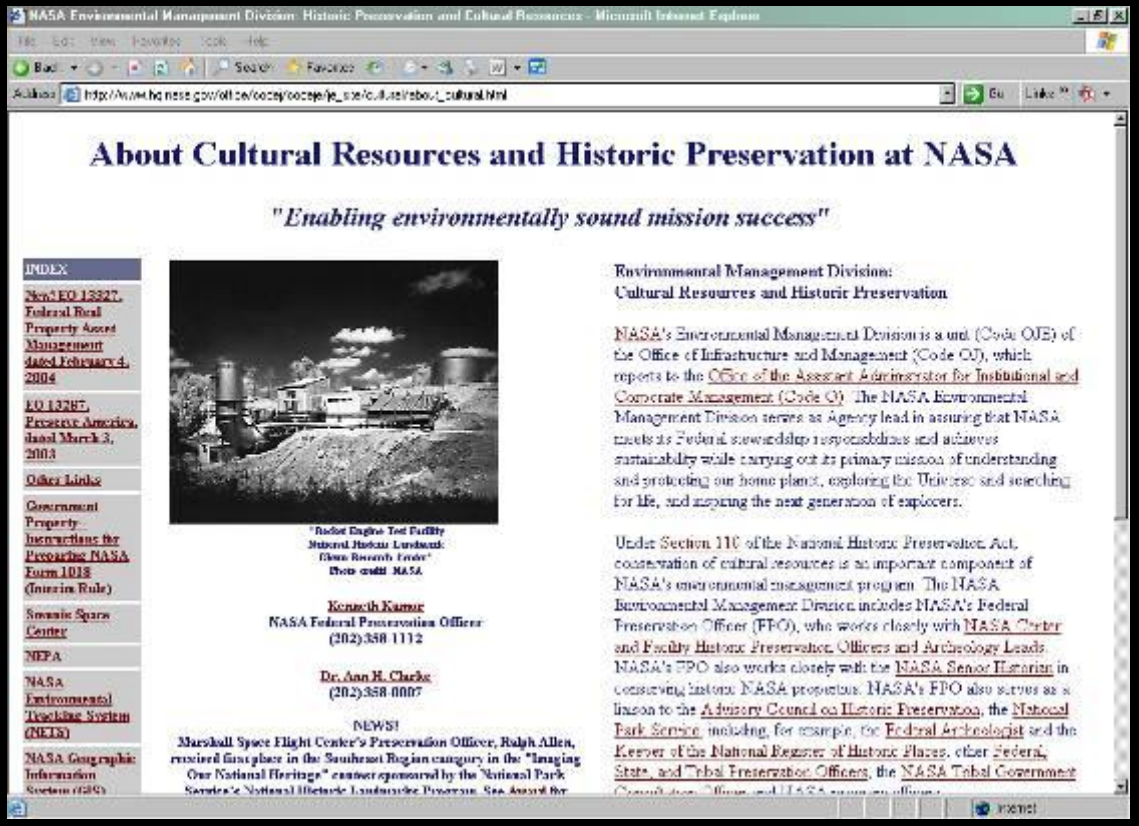
Subpart C -- Program Alternatives

800.14 Federal agency program alternatives.
800.15 Tribal, State and Local Program Alternatives. (Reserved)
800.16 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.

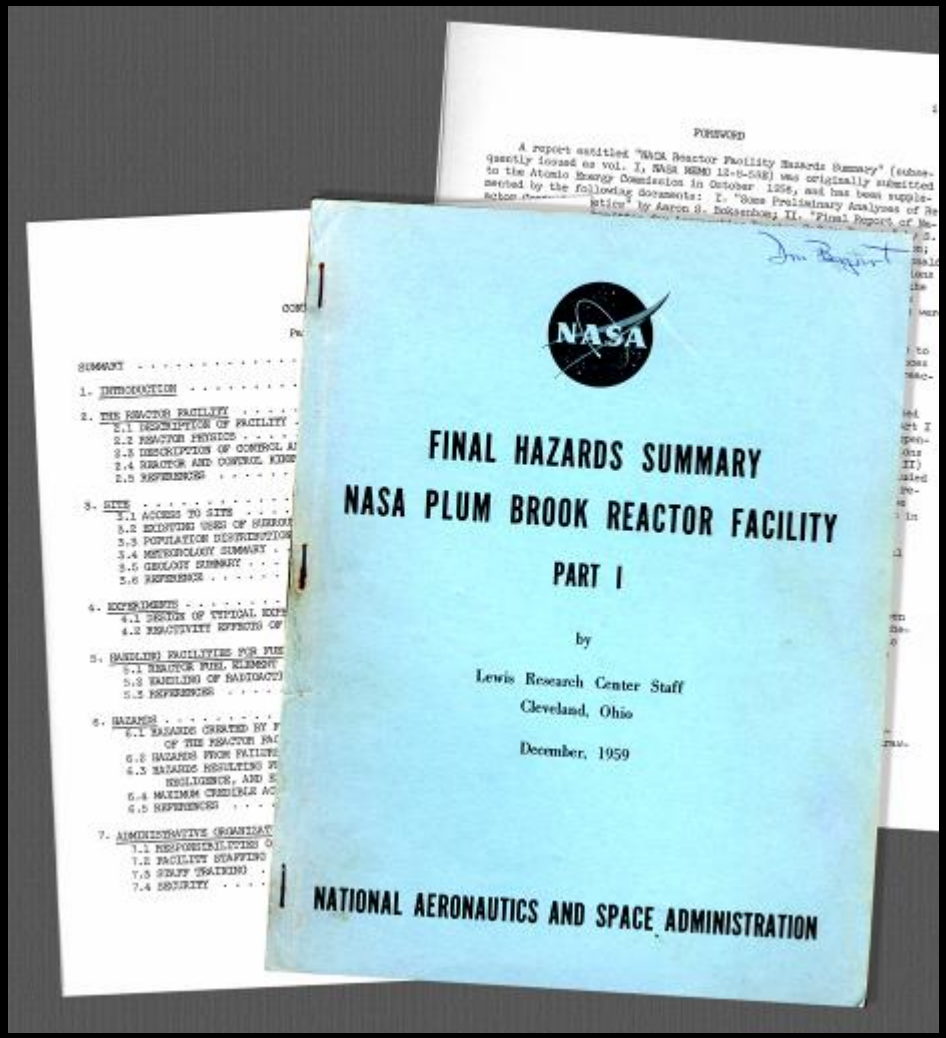
(b) *Relation to other provisions of the act.* Section 106 is related to other provisions of the act designed to further the national policy of historic preservation. References to those provisions are included in this part to identify circumstances where they may effect actions taken to meet section 106 requirements. Such provisions may have their own implementing regulations or guidelines and are not intended to be implemented by the procedures in this part except insofar as they relate to the section 106 process. Guidelines, 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



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.


FOREWORD
FINAL HAZARDS SUMMARY
NASA PLUM BROOK REACTOR FACILITY
PART I
by
Lewis Research Center Staff
Cleveland, Ohio
December, 1959
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Collection of historical documents and photographs

Page 4 WING TIPS, June 3, 1944

START BIGGEST BOND DRIVE

From page 1

BONDadiers 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 Rusnak, and Jean Henke; Flight Research, Phillip 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.

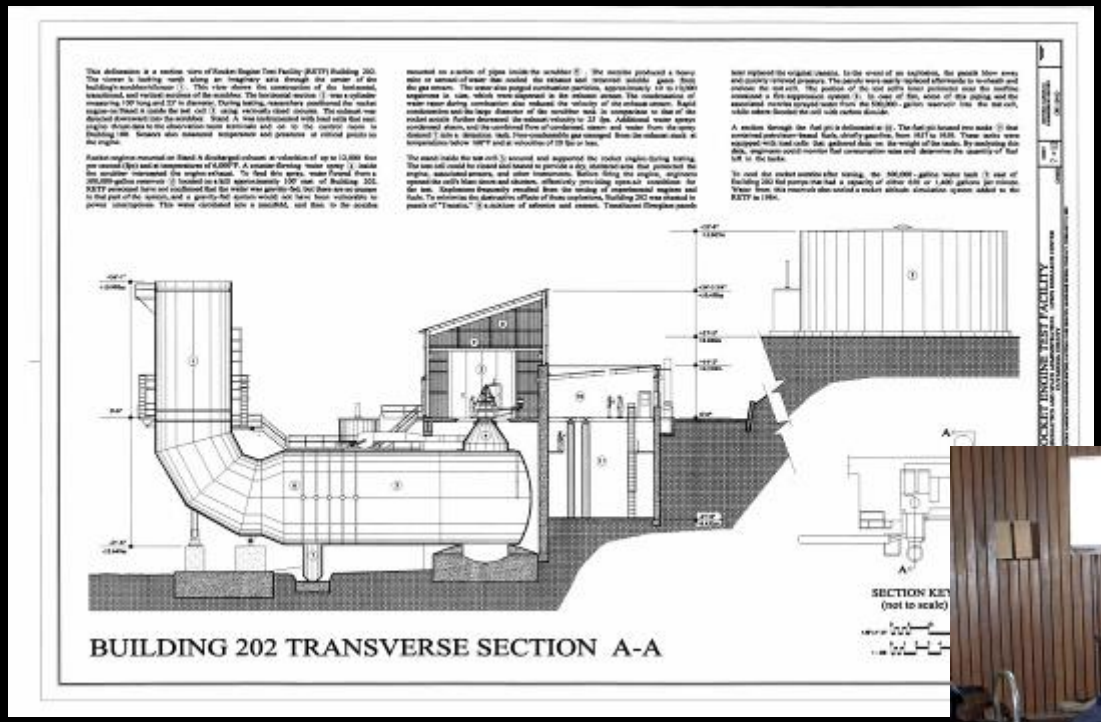
FEATURES AERL WIND TUNNEL

"Much of the research into future aircraft engines will come from laboratories being built at Cleveland Airport by the government's National Advisory Committee 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 temperatures and simulated altitudes."

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.

Technical drawings



Oral histories

Still imaging documentation

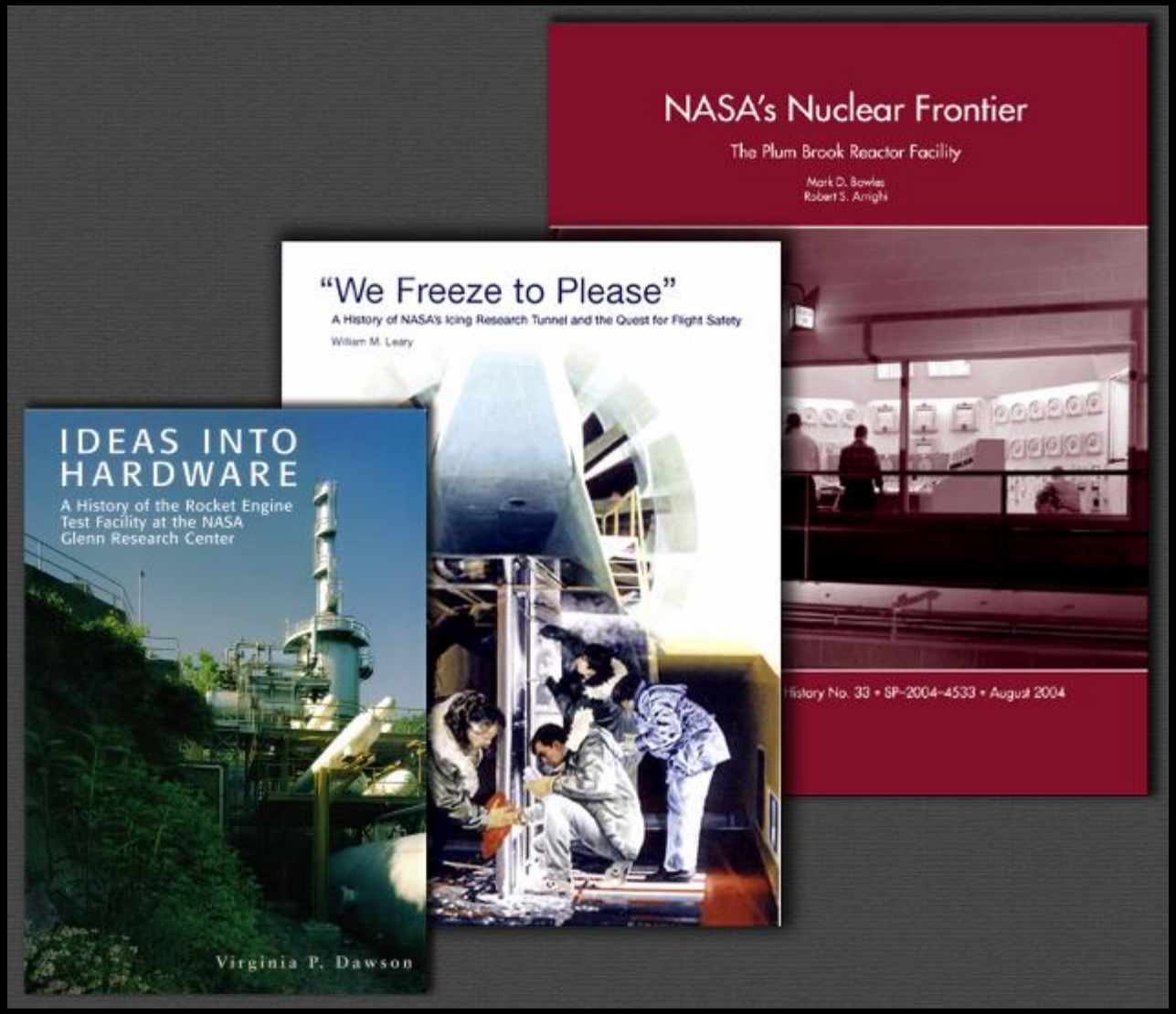
Historical Mitigation

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.

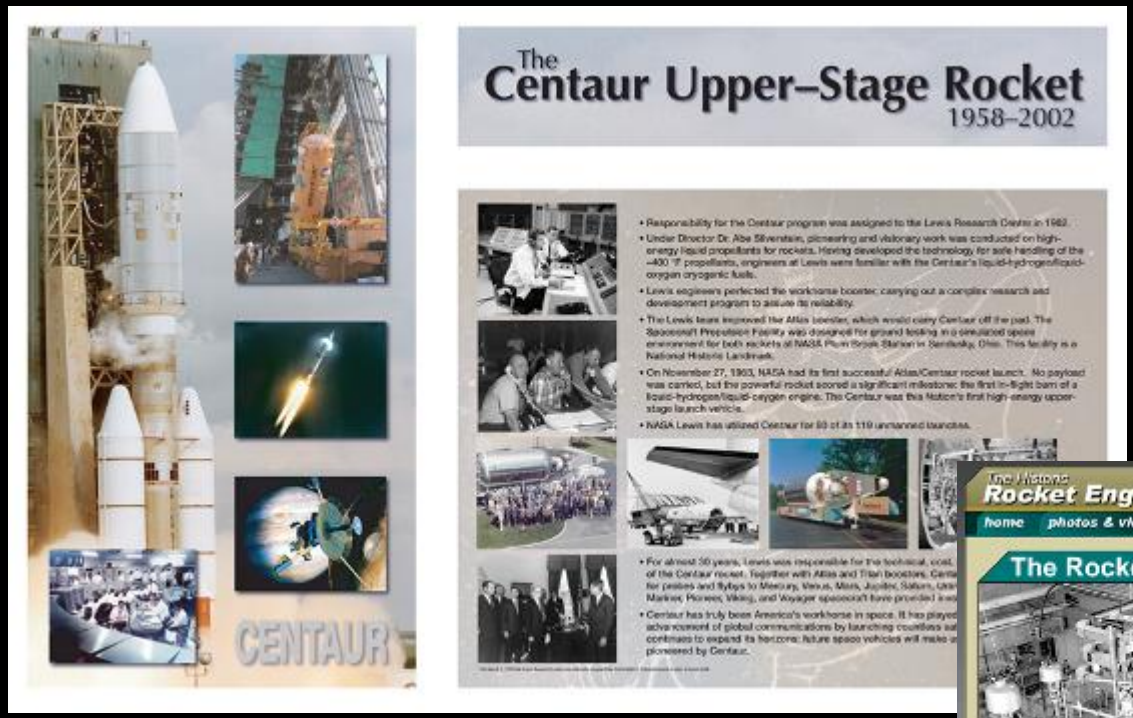
Although these historic NASA Glenn facilities will be gone, their story will be preserved for future generations.

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.

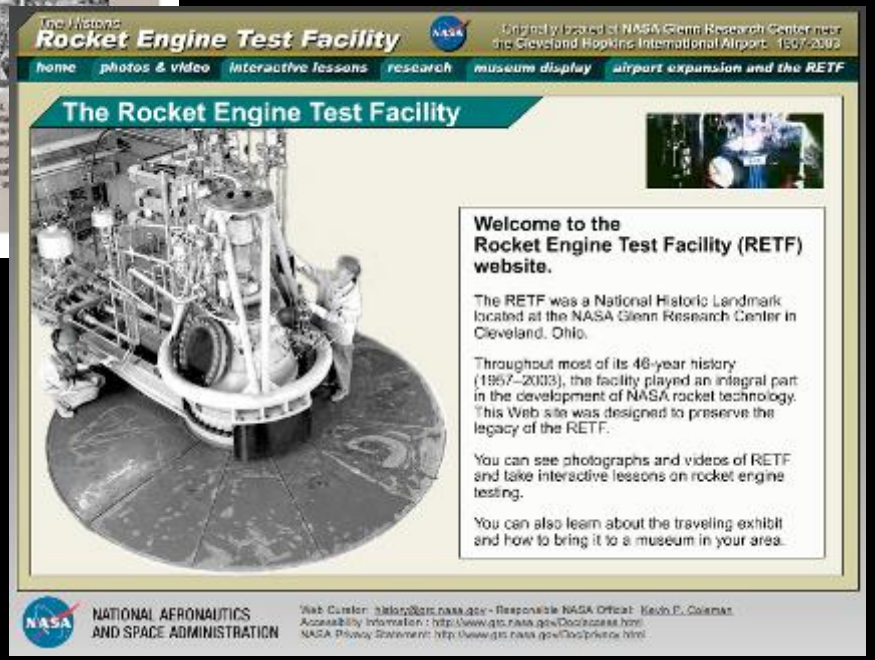
Historical Publications



Displays



Educational Web sites



Questions
&
Answers

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