

## **NASA Glenn's Public Meeting on the Demolition of the Combustion Research Lab**

**Date:** Thursday, Feb. 22, 2018

**Time:** 5:30 p.m.

**Location:** North Olmsted Public Library, 27403 Lorain Rd, North Olmsted, OH 44070

**Speaker:** Les Main, NASA Glenn's Facilities Division, [leslie.a.main@nasa.gov](mailto:leslie.a.main@nasa.gov), 216-433-6345

**Meeting Overview:** NASA's Glenn Research Center in Cleveland invites the public to discuss the upcoming demolition of a section of its Building 35 Complex on the Lewis Field campus. The project will include the demolition of eight research test cells and five support facilities, including the Combustion Research Laboratory.

These buildings reside within Glenn's Lewis Field Historic District and have a noteworthy history. Built at the end of World War II in 1945, Combustion Research Laboratory provided NASA Glenn, then NASA's Lewis Research Center, with the facilities needed to investigate different combinations of rocket fuels and oxidizers.

Since its construction, the Combustion Research Laboratory has proved to be a robust facility and has easily adapted to other types of testing such as: gelled propellants, high-temperature materials, engine emissions, laser diagnostics of exhaust plumes and more.

In 2000, NASA began reducing allocated funding for the facility's maintenance prompting the demolition of the older, outdated structures within the complex.

### **Attendees:**

1. Bryan Palaszewski, 440-891-0486, NASA Glenn
2. Larry Diehl, 440-779-7643
3. Rudy Duscha, 440-235-4565
4. Salah Ahmed, 440-334-8825, NASA Glenn
5. Frank D. Berkopec, 440-333-5336
6. Matt Laun, 330-990-5679, Hx5/ NASA Glenn
7. Mark Klem, 440-779-1067, 216-977-7473, NASA Glenn
8. Crystal Montgomery, 216-416-5689, NASA Glenn/Vantage Partners
9. Debbie Lockhart, 216-433-8655, NASA Glenn

### **Questions/Topics Discussed:**

- What is the plan for the demolition? How will the project proceed with all of the underground infrastructure in the area?
- There is a high-pressure line that runs through the site. How will you handle this?
- How do you find all of the electronics/lines underground?
- How closely are you working with the Safety Office?
- Why are we demolishing this site?
- Are other centers experiencing facility consolidation?
- There is a NASA GAO document that outlines NASA facilities that are not being properly maintained and plans. Are you aware of it?
- What is the plan for Bldg. 51? Will it be replaced or demolished in the future?
- Is cell 11 scheduled to move into (bldg.? cell?) 31 or ACS?
- Is it still the plan to take the ejectors out of 21 and keep them?

- How does the Facilities Division and the Engineering Division work together for projects like this? How well do they work together?
- What is tethering NASA Glenn? Are the wind tunnels enough to keep NASA Glenn open? Solar Electric Propulsion? Kilopower?
- HQ is reducing funding for facility maintenance NASA-wide, why don't they just close a center if they are looking to consolidate?
- What is the new vision for NASA Glenn? NASA Architect.
- How is the Bldg. 21 project going? What is happening with Bldg. 19?
- NASA Glenn is getting rid of some older, outdated facilities, but money is coming in for new buildings as well.
- Is the central area on NASA Glenn shrinking and the West area growing?
- What is the plan for the grounds after the portion of the Bldg. 35 complex is demolished? Will something be built in this location? Is there an exclusion zone for this area?
- Do you know what is in the ground in the area? Contamination?
- What did the last 10 years look like for the Bldg. 35 complex? Were the facilities up and running?
- Are there plans for a historical remediation? Will anything be published regarding the history of the complex? –NASA is not budgeting for publishing history books, publications and documents. Everything will be published electronically.
- There is hardware in the Bldg. 35 area that needs to be identified. Which program did it come from?
- How long will the demolition last?
- There is a long, underground shaft to cable vault in the area. Are you aware of it? During a 2003 fire, smoke came up through the manhole for this, which is located near building 31.

**Point of contact:** Questions and comments relating to the upcoming demolition will be welcome throughout the meeting. Those who cannot attend can send comments by mail to Les Main, NASA Glenn Research Center, 21000 Brookpark Rd., (MS 86 - 15) Cleveland, OH 44135 or by email to [leslie.a.main@nasa.gov](mailto:leslie.a.main@nasa.gov). All comments must be received by Thursday, March 1.