

**National Nuclear Security Administration/Nevada Field Office**  
P.O. Box 98518, Las Vegas, NV 89193 • 702-295-3521 • fax: 702-295-0154

**News Media Contact:**  
Darwin Morgan  
Nevada National Security Site  
702-295-1755 (O)/702-630-0120 (C)  
[Darwin.Morgan@nnsa.doe.gov](mailto:Darwin.Morgan@nnsa.doe.gov)

**FOR IMMEDIATE RELEASE**  
April 18, 2018

Tracy Bower  
Nevada National Security Site  
702-295-0961 (O)/702-493-8611 (C)  
[BowerTL@nv.doe.gov](mailto:BowerTL@nv.doe.gov)

## **NASA, NNSS, partners to discuss demonstration of new space exploration power system**

**LAS VEGAS** — Media are invited to attend a news conference at NASA's Glenn Research Center in Cleveland at 9:15 a.m. EDT Wednesday, May 2, to discuss a recent experiment to demonstrate a new nuclear reactor power system designed for space.

News conference audio and presentation slides will stream live on NASA's [website](#).

[Kilopower](#) could provide safe, efficient and plentiful energy for future robotic and human space exploration missions to the Moon, Mars and destinations beyond. The experiment was conducted November 2017 through March 2018 at the Nevada National Security Site (NNSS).

News conference participants include:

- James Reuter, acting associate administrator of NASA's Space Technology Mission Directorate
- Janet Kavandi, Glenn center director
- Patrick Cahalane, principal deputy associate administrator for Safety, Infrastructure and Operations at the National Nuclear Security Administration (NNSA)
- Marc Gibson, Kilopower lead engineer at Glenn
- Dave Poston, chief reactor designer at NNSA's Los Alamos National Laboratory

Following the news conference, media will have the opportunity to tour the following facilities at Glenn:

- Stirling Research Lab, where early Kilopower-related tests were conducted

**National Nuclear Security Administration/Nevada Field Office**  
P.O. Box 98518, Las Vegas, NV 89193 • 702-295-3521 • fax: 702-295-0154

- Electric Propulsion Lab, used to test high-power solar electric propulsion that will be used to develop the power and propulsion element of [NASA's lunar outpost](#)
- Simulated Lunar Operations Lab, where NASA develops [planetary rover tires](#) and tools for [in-situ resource utilization](#), a process for generating water, oxygen, and other products using space-based resources

Media interested in participating in the event, in person or by phone, must send their name, media affiliation and phone number to Jan Wittry at [jan.m.wittry-1@nasa.gov](mailto:jan.m.wittry-1@nasa.gov) no later than noon Tuesday, May 1.

Media and the public also can ask questions during the briefing on social media using #AskNASA.

Supporting images and video will be available online at:

<https://www.nasa.gov/directorates/spacetech/kilopower>

The Kilopower project is part of NASA's [Game Changing Development](#) program and is led by Glenn, in partnership with NASA's Marshall Space Flight Center in Huntsville, Alabama, and the National Nuclear Security Administration, including its Los Alamos National Laboratory, Nevada National Security Site and Y-12 National Security Complex.

-end-

**MEDIA ADVISORY: NR-18-0009**