

## Q&A

- **U.S. Department of Homeland Security:** What are the possibilities of using VR as a 'rehearsal'? For example, for the Brentwood facility in 2001, prior to recovery crews going in, individuals going in could understand the facilities, the situation, and the length of time. Or would it take too long?
  - **Ellen Shumaker:** That has some great potential. One challenge is that we do not like people to be immersed for more than 10-15 minutes at a time. You could have someone walk through one aspect/area you wanted to focus on, have them take off the headset, discuss, give feedback, then jump back in. That would mediate the time of being immersed.
- **Fermi National Accelerator Laboratory:** There is a similar effort with an added benefit, in addition to the photos, to put heat points on the photos and take real-time pictures to see if the valve is in the right position or the control is correct.
- **U.S. EPA:** I just want to raise that we are planning a field demonstration of this in 2020 when we will use the training and physical maps. Typically, they get a map to study for 20 minutes; we are looking at VR to prep them to more easily navigate the actual area (which is good if they are on supplied air). We are hoping to pit these two methods against each other and evaluate efficiencies to determine whether this is a viable path we want to continue pursuing.