**From:** Roberts, Kathryn, NMENV <Kathryn.Roberts@state.nm.us>
**Sent:** Thursday, March 31, 2016 12:30 PM
**To:** Vigil-Holterman, Luciana R; Kieling, John, NMENV; Cobrain, Dave, NMENV; Dhawan, Neelam, NMENV; Briley, Siona, NMENV
**Cc:** Saladen, Michael Thomas; McCann, John Phillips; Nickless, David J; Bishop, Milton L; Arnswald, Jordan; Haagenstad, Mark P; Tymkowych, John M; Stanton, Jim; Brandt, Michael Thomas; Sharp-Geiger, Raeanna Racine; Grieggs, Tony; Erickson, Randy; Funk, David John; Torres, Enrique; Frederici, Dave; Christensen, Davis V; Sonnenberg, Leslie Keith; Griego, Stephanie Q; Bacigalupa, Gian A
**Subject:** RE: Notification of TA-54, Area G Power Distribution Repair

Luciana,

Thank you for the notification.

Please let us know if anything changes.

Thanks,
Katie

Kathryn Roberts
Resource Protection Division Director
New Mexico Environment Department
Kathryn.roberts@state.nm.us
505-827-2855

**From:** Vigil-Holterman, Luciana R [mailto:luciana@lanl.gov]
**Sent:** Thursday, March 31, 2016 12:16 PM
**To:** Roberts, Kathryn, NMENV; Kieling, John, NMENV; Cobrain, Dave, NMENV; Dhawan, Neelam, NMENV; Briley, Siona, NMENV
**Cc:** Saladen, Michael Thomas; McCann, John Phillips; Nickless, David J; Bishop, Milton L; Arnswald, Jordan; Haagenstad, Mark P; Tymkowych, John M; Stanton, Jim; Brandt, Michael Thomas; Sharp-Geiger, Raeanna Racine; Grieggs, Tony; Erickson, Randy; Funk, David John; Torres, Enrique; Frederici, Dave; Christensen, Davis V; Sonnenberg, Leslie Keith; Griego, Stephanie Q; Bacigalupa, Gian A
**Subject:** Notification of TA-54, Area G Power Distribution Repair

Hello Katie and John-

Based on previous voice messages and conversations with NMED, the Permittees are notifying you of the following event:

High winds on Tuesday (3/29/2016), resulted in power pole damage impacting the power distribution at TA-54, Area G. Power to the Dome 375 Permacon was not affected when the pole was taken out of service, however, repairs to the distribution lines required an outage to the entire area on Wednesday (3/30/2016). Before the power outage on Wednesday, controlled entry to TA-54, Area G was allowed and temperature monitoring, visual inspection and headspace gas sampling were conducted for Wednesday.

After careful planning and pre-job preparation, the power outage and repairs to the power distribution lines occurred from approximately 2 pm - 6 pm on 3/30/2016. A fire watch within Dome 375 was not deemed necessary for this outage, because the systems have 24 hour back up and would function in the event of an emergency. However, the HVAC system within the Permacon was turned off and the continuous air monitors (CAMs) lost communication (although data collection at the monitor continued). Temperatures did not challenge temperature requirements for the Permacon and did not pose an issue.

Immediately after the outage, the radiological control reentry team confirmed stable conditions & CAM function, and the Permacon ventilation was restored but with one fan only. Therefore, entry into the Permacon was restricted until repairs could be completed on Thursday (3/31/2016) morning. As of 10 am on Thursday, operations within the TA-54, Area G, Dome 375 Permacon are back to normal.

This information will also be provided to NMED in the Monthly Technical Submission Report and call on April 20, 2016. Please contact me if additional information would be helpful. Thank you.

Luciana Vigil-Holterman
505-665-3435

for

Mark Haagenstad
Environmental Protection and Compliance Division
RCRA Permitting and Compliance Team Leader
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