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**From:** Haagenstad, Mark P  
**Sent:** Monday, July 06, 2015 5:50 PM  
**To:** kathryn.roberts@state.nm.us; Kieling, John, NMENV; Cobrain, Dave, NMENV; Dhawan, Neelam, NMENV; Smith, Coleman, NMENV; Briley, Siona, NMENV  
**Cc:** Brandt, Michael Thomas; Sharp-Geiger, Raeanna Racine; Dorries, Alison Marie; Grieggs, Tony; Erickson, Randy; Funk, David John; Torres, Enrique; Nickless, David; Turner, Gene E; Bishop, M. Lee; Vigil-Holterman, Luciana R; Diaz, Tammy; Juarez, Catherine L; Maggiore, Peter; Armijo, Karen (CONTR)  
**Subject:** Supplemental Cooling of TA-54 Dome 375 Permacon Update

Hello Katie and John:

Per previous conversations, voice messages, and the Weekly Technical Summary Reports, LANL is providing the following update regarding supplemental cooling upgrades at the TA-54 Dome 375 Permacon:

- Anticipated installation of upgrades will require a power outage for Dome 375 on July 8, 2015. The outage is projected to last approximately 4 hours, but may continue through the shift (8 hours).
- Compensatory measures for the outage are planned to ensure conduction of Isolation Plan required visual monitoring.
- The Fire Detection System (FDS) will continue to be operational during the power outage as it has battery backup capacity for 24 hours.
- Hourly temperature measurements will be impacted as the CAMs will not be operational so no entry to the Permacon will be allowed.
- HSG sampling and daily temperature measurements as required by the Isolation Plan will be collected prior to the outage that day.
- Start-up and testing of the system is expected to occur upon completion of the proposed upgrades.
- LANL will update NMED via telephone, email or both upon completion of the upgrades.

Please contact me if additional information would be helpful. Thanks!

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