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11:37 AM

Subject: Seismic tie-downs for 8-Pack LGPS Power Supplies

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Folks,

To confirm and clarify some information and our decision made at our 10:00 8-Pack meeting this morning:

- We recognized that the SLAC standard tie down method for the 4 new Klystron Magnet LGPS has been identified as inappropriate from a seismic standpoint
- Additionally, we understand that ESD is pursuing this problem, and will eventually develop a tie down method that does not interfere with device maintenance or replacement
- These power supplies are temporary in nature. They are not expected to be used for the next generation of klystrons currently under development (since they use permanent rather than electromagnet technology)

Therefore, our plan at present is:

- To not use any concrete anchors or other methods to seismically restrain the power supplies
- To adopt the ESD department tie down approach after it has been developed and received approval from the SLAC Seismic Safety Citizens Committee
- To retrofit the power supplies as required and install the new tie downs

If there are any remaining questions, please feel free to contact me,

Keith Jobe
NLCTA / 8-Pack Safety Officer
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